



February 6, 2002

Mr. Timothy Ramsey
Piper Marbury Rudnick & Wolfe
203 N. LaSalle, Suite 1500
Chicago, Illinois 60601

RE: Perimeter Drilling Results, 341 East Ohio Street, Chicago, Illinois - STS Project No. 1-25585-XG, Correspondence No. 041

Dear Mr. Ramsey:

In accordance with our work scope and proposal dated July 17, 2001 and approved by the U.S. Environmental Protection Agency (USEPA) August 17, 2001, STS Consultants, Ltd. (STS) completed a drilling program to explore the soil around the perimeter of the 341 East Ohio Street site (the Site), with the objective of identifying locations with radiologically impacted soils or adequately demonstrating the absence of such soils. The original estimate for the total number of borings was approximately 380 borings to cover the site. Figure 2 shows 369 borings to cover the site, based on a projected layout of borings in the field. The actual number of borings drilled was 340 borings, as presented in the boring logs attached in Attachment A.

The USEPA required a survey verifying that the material remaining on the site is not impacted by radiological materials as a condition of its issuance of a completion letter confirming that all radiological contamination at the site has been removed. In order to satisfy that requirement, the boring plan was proposed and approved as sufficient if that material was to remain unexcavated at a 1V:1.5H slope as an alternative to excavation at a vertical slope and installation of an earth retention system.

SURVEY DETAILS

The drilling program consisted of drilling boreholes on a 2-meter grid along the north, east and south margins of the subject site (see Figures 1 and 2). The 2-meter square grid was accepted by USEPA in that this spacing would be able to detect a hot spot of 6.3 m^2 (68 ft^2) with better than a 99% probability, assuming that the target hot spot would have the shape of an elongate ellipse (twice as long as it is wide). This probability estimate was calculated utilizing USEPA's ELIPGRID-PC (version October 20, 1995) and assumed that the gamma probe has an effective zone of detection at least one foot radius from the center of the boring. The ELIPGRID calculation package is included as Attachment A.

The borings were drilled using 4-inch diameter solid flight augers. Following completion of the boring, a section of 3-inch PVC pipe was temporarily inserted into the borehole to allow for the completion of the down-hole gamma logging. The PVC pipe prevented the borehole from collapsing and protected the logging equipment from being damaged during the survey.

Along the north and south perimeters of the site, where the proposed excavation depth is 8 feet, two rows of boreholes were drilled to a depth of at least nine feet (minimum one foot into native sand) unless obstructed, providing a sampling width of 12 feet. Boring A.4 – 2.8 and A.4 – 3.4,

which read "No hole – exterior hole contaminated" are labeled such due to the fact that the row of downholes located at the exterior of the property (row A.1) had a contaminated hole, located at A.1 – 3.1. Since this hole was contaminated, excavation will need to continue to the edge of the property line. These holes were not recorded since they will need to be monitoring during the excavation through that location in order to excavate the material at boring A.1 – 3.1.

Along the eastern perimeter, where the excavation depth is proposed to be 15 feet, five rows of boring were drilled to a depth of 16 feet or one foot into native sand whichever was shallower, providing a sampling width of 24 feet. The boreholes extended to a depth beyond the proposed excavation depth (i.e., minimum 1 foot into native soils). The exterior (closest to the property boundary) line of borings was conducted first. Once this exterior line of borings was shown to be free of radiologically impacted soils the interior drilling was conducted.

Obstructions from rebar and/or buried concrete foundations were encountered at 26 holes, generally at depths of 9 to 14 feet. In addition, no boring was drilled in the area of the subsurface utility vault. Obstructions occurred at the following locations:

Table 1

Obstructed Borings			
Boring Number	Obstruction Depth	Boring Number	Obstruction Depth
A.1 – 13.6	No boring – Utility Vault	I.3 – 25.8	11'
A.4 – 10.5	4.25'	K.1 – 25.9	8.4'
B.7 – 26.2	11'	L.3 – 25.9	9.9'
C.4 – 27	11.5'	L.9 – 18.9	10.9'
C.5 – 26.5	10'	L.9 – 20	11.10'
D.4 – 26.5	10.5'	L.9 – 21.7	8.3'
D.5 – 27	11'	L.9 – 22.3	10'
D.7 – 26.2	8.5'	L.9 – 22.8	11'
E.7 – 26.2	6.5'	L.9 – 27	11.5'
E.7 – 26.5	11.5'	N – 20	Surface Obstructed
E.7 – 27	11'	N – 21.8	16' 3"
F.7 – 26.5	14'	N – 24.7	Surface Obstructed
H.3 – 25.8	6.10'	N – 25	13.5'
H.9 – 25.8	8'	N – 25.6	12.8'

Boreholes were gamma logged to the depth of the obstruction. Additional borings were attempted adjacent to any obstructions in an attempt to advance the boring to native soils. The borings noted above could not be completed to native soil after several offset attempts. All other borings were completed on either the initial attempt or in an offset boring. Figure 3 shows the labeled 5-meter site grid, the location of the borings with elevated gamma readings, and the obstructed borings.

The borings were down-hole logged for 30-second gamma readings in 6-inch increments. Gamma readings in counts per 30-second intervals were compared to a calibrated value for material exceeding the clean-up criteria (≥ 7.2 picocuries per gram (pCi/g)). The 30-second counts equivalent to 7.2 pCi/g are shown on Table 2, below. Logging was conducted using a

Ludlum 2221 rater-scaler and 2 x 2 NaI detector. The results of the down-hole logging are discussed below in the Survey Results section and presented in Attachment B.

Soil cuttings from the boreholes were segregated for disposal based upon a gamma radiation survey. Cuttings were surveyed at the ground surface using a Ludlum 2221 detector and a 2 x 2 NaI probe. Radiologically-impacted soils were containerized (placed in Supersacks) and stored in a secure locked storage container on site for subsequent transport and disposal. Soils exhibiting gamma radiation at or below cleanup levels (7.1 pCi/g) were used to backfill the borings. Excess cuttings exhibiting gamma radiation at or below cleanup levels were collected and placed in a roll-off dumpster onsite for later utilization and/or disposal.

SURVEY RESULTS

Gamma readings have been obtained from all of the 340 perimeter borings. Attachment B presents the field logs and gamma measurements for each boring. Boring designations are based on the five meter site grid which ranges from A to N from south to north, and 1 to 27 from west to east. Borings are recorded with both a letter and a number, with gradations between the five-meter spaces on the grid recorded as tenths, for example A.2 – 3.8 is two tenths of the distance between grid lines A and B, and eight tenths of the way between grid lines 3 and 4.

Data analyzed from the 191 deep (16 feet) perimeter borings on the east side of the site indicated no locations with elevated gamma readings. This set of readings is consistent with the site history with the building at the east end of the site being constructed before the Lindsay Light operation began on the adjacent parcel, and being razed in the 1980s, well after the Lindsay Light operation had discontinued on the adjacent parcel.

Six of the shallow (9 feet) perimeter borings on the north and south sides of the western portion of the site indicated elevated gamma readings as follows:

Table 2
Borings Exceeding Cleanup Criteria

Boring	Depth (ft)	Counts/30 Seconds	Cutoff Value (=7.2 pCi/gm)
North			
M.9-8.5	2.5	24,899	18,804
	3.0	25,581	18,804
N.1-10	1.5	68,291	18,059
	2.0	26,772	18,059
South			
A.4-3.9	1.5	23,288	18,059
A.4-5.1	1.0	33,267	18,804
A.4-4.4	1.0	28,333	18,804
	1.5	22,240	18,804
A.1-3.1	1.5	62,645	18,804
	2.0	49,889	18,804
	2.5	19,754	18,804

The shallow depth of the radiologically-impacted soils indicates that there is no need for an earth retention system.

The obstructed borings on the east end of the site are located along the apparent basement wall footings for the building formerly on the east end of the site. The obstructed locations are generally clustered in two areas, along a line 25.8 and 25.9 from H to L along the east side of site, and from B to F and 26.2 to 27 near the southeast corner of the site.

Two obstructions were noted along the south margin of the site, one obstruction was caused by the presence of the utility vault and the other obstruction appears to be from the basement wall footings for the former 330 E. Grand building.

The obstructed borings on the east end of the site are also located along the basement wall footings for the same former building as encountered for the obstructed borings along the east end of the site. The obstructed locations are generally clustered in three areas, at L to N and 19 to 20 and at L to N and 22 to 23 along the north site margin, and in N from 24.5 to 25.5 near the northeast corner of the site.

Inasmuch as the former building at the east end of the site was built before Lindsay Light began operations on the adjacent site, and was not razed until long after Lindsay Light ceased operations, there is virtually no potential for material to be beneath these footings. These footings include all the obstructions encountered along the east side that there is no real possibility for impacts beneath the basement footings, it is the opinion of the investigators that no additional exploration is warranted based on the absence of any detection in the survey of the east end of the site.

CONCLUSIONS

The perimeter drilling program was designed to satisfy USEPA's requirement for verification that material along the perimeter slopes is not impacted by radiological materials. The drilling program has been completed according to the parameters outlined in our proposal, and has identified those locations within the perimeter with radiologically-impacted soils.

On the basis of the survey results, excavation will be required of those shallow soils where radiation levels exceeded the cleanup criteria on the north and south sides of the site. Additional screening of those excavated areas will be conducted to verify removal of all impacted soils. No additional excavation will be required in the deeper areas, as those areas have been cleared through the borings.

Areas radiologically cleared through the borings will not need to be excavated for further screening except that gamma surveys will be done on the slope surface during the excavation process. Any additional radiological materials identified in such slope surveys within the boundaries of the site will be excavated.

In areas where the gamma survey of the excavation slope identifies no exceedances of the cleanup criteria, no additional radiological clearance will be required for those areas to obtain the completion letter from USEPA.

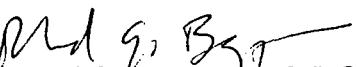
Piper Marbury Rudnick & Wolfe
STS Project No. 1-25585-XG, Correspondence No. 041
February 6, 2002
Page 5

As the locations with indications of impacted soil along the north and south sides of the site show only shallow impacts and none of the deeper borings along the eastern perimeter exhibited elevated gamma readings, an earth retention system will not be required as part of the site excavation. USEPA concurrence with the findings of this report should be requested.

Respectfully,

STS CONSULTANTS, LTD.


Julie Apolinario
Senior Project Manager


Richard G. Berggreen, C.P.G.
Principal Geologist

Attachments

Attachment A

ELIPGRID Calculation Package



Memorandum

TO: Rich Berggreen
FROM: Steve Kornder
DATE: January 15, 2002
RE: Calculations for Determining the Probability of Locating Hotspots

The Oak Ridge National Laboratory's program ELIPGRID-PC (version 10/20/95) was used to compute the probability of successfully locating targets based upon an assumed size and a specified grid spacing. The analysis assumed 2-meter square grid and an elliptical hotspot with a semi-major axis of 2 meters and a semi-minor axis of 1 meter (area = 6.28 m^2 or 67.6ft^2).

The program output from the analysis is provided in Table 1. The first column of the output indicates the shape of the grid network. As indicated in Table 1, a square grid system was selected for this analysis. The second column is the ratio of the length of the semi-major axis of the ellipse to the grid spacing distance. The initial ratio was calculated assuming a semi-major axis of 2 meters and a 2-meters grid spacing (i.e. ratio of 1). The third column indicates the spacing of the grid used in the calculation. The fourth column (Shape) is the ratio of the semi-minor axis to the semi-major axis on the elliptical hot spot. This analysis assumed an ellipse with the semi-minor axis half as long as the semi-major axis (ratio of 0.5). The fifth column indicates that the orientation of the hotspot with respect to the grid system (i.e. parallel, perpendicular, etc.). All analyses were performed utilizing a random orientation. Selecting the random orientation requires that the program perform numerous iterations to calculate the overall probability of locating the hotspot. The final column presents the probability of locating the selected hotspot.

The output of Table 1 indicates a 99.25% probability of locating an elliptical hotspot with an area of 6.28 m^2 (67.6 ft^2) using a 2-meter square grid system spacing. The second and third lines of output listed in Table 1 were calculated assuming a slightly smaller target (semi-major axis lengths of 1.85 meters and 1.8 meters). The statistical analysis indicates that the probability of locating ellipses with semi-major axes of 1.85 meters and 1.8 meters is 96.2% and 94.7% respectively.

In practice, gamma emissions penetrate soil for a short distance. Therefore, the effective zone of detection for the gamma probe is at least one-foot from the center of the boring. This effective radius of one foot increases the probability of detecting a hotspot. Using a 2-meter grid spacing and an effective zone of penetration of one foot for the gamma probe, the distance between the grid points that is not surveyed is less than 2 meters. Assuming each boring has a one foot effective radius, the distance between the two borings that is not surveyed is 1.39 meters.

$$2 \text{ meters} - 0.61 \text{ meters} = 1.39 \text{ meters}$$

where:

$$2 \times 1 \text{ foot (effective radius at each boring)} = 2 \text{ feet} = 0.61 \text{ meters}$$

Table 2 presents the probability analysis using an effective radius of one-foot for the gamma probe. The first line of was conducted assuming a 2 meter length for the semi-major axis of the elliptical hotspot (this corresponds to a hotspot target area of 6.28 m^2). The second and third lines of output in Table 2 were

calculated with a hotspot target of 3.53 m^2 and 2.45 m^2 (semi-major axes of 1.5 and 1.25 meters, respectively). The statistical analysis indicates that the probability of detecting an elliptical hotspot with a semi-major axis of 1.25 meters (semi-minor axis 0.625 meters) is 94.66%.

In conclusion, the statistical analyses conducted indicate that a 2-meter sample grid has greater than a 95% probability of detecting the assumed ellipse (2 meter semi-major axis and 1 meter semi-minor axis). In addition, the presence of an effective zone of detection for the gamma probe of about one foot means that the 2-meter grid spacing also has greater than a 95% probability of detecting hotspots substantially smaller than original 6.28 m^2 ellipse.

Please feel free to contact me if you have any questions regarding the calculation or the ELIPGRID-PC program.

Steve

TABLE 1

Output from ORNL ELIPGRID-PC Program Version: 10/20/95

File name.: C:\MYDOCU~1\GRIDSA~1\Screen.Out

Created on: 01/10/02

Input file: From screen

Grid Type	Semi-major Axis in Rel. Units (L/G)	Gridspace in Meters	Shape deg	Angle	Prob. Hitting 1.0-P(0)
Square	1.00	2.00	0.50	Random	0.9925
Square	0.93	2.00	0.50	Random	0.9621
Square	0.90	2.00	0.50	Random	0.9471

TABLE 2

Output from ORNL ELIPGRID-PC Program Version: 10/20/95

File name.: C:\MYDOCU~1\GRIDSA~1\SCREEN2.OUT

Created on: 01/10/02

Input file: From screen

Grid Type	Semi-major Axis in Rel. Units (L/G)	Gridspace in Meters	Shape deg	Angle	Prob. Hitting 1.0-P(0)
Square	1.44	1.39	0.50	Random	1.0000
Square	1.08	1.39	0.50	Random	0.9998
Square	0.90	1.39	0.50	Random	0.9466

Attachment B

Down-Hole Logging

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/23/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 18,100

Serial No: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

18,804 counts per 30 Sec.

* Shielded (2")

Boring No.: A - 25.2

(Max Depth 13.5 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3111	15.5	
1	5335	16	
1.5	7217	16.5	
2	7374	17	
2.5	7635	17.5	
3	7810	18	
3.5	7948	18.5	
4	7410	19	
4.5	7258	19.5	
5	7949	20	
5.5	8273	20.5	
6	8015	21	
6.5	7631	21.5	
7	5827	22	
7.5	3665	22.5	
8	3671	23	
8.5	5458	23.5	
9	5677	24	
9.5	5419	24.5	
10	4327	25	
10.5	3244	25.5	
11	2689	26	
11.5	2509	26.5	
12	2488	27	
12.5	2453	27.5	
13	2339	28	
13.5	2203	28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/23/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 18,100

Serial No.: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,804 counts per 30 Sec.

Boring No.: A - 25.8

(Max Depth 14.5 ft)

(Off Set 1 ft North of "A" Line Due to Obstruction)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3964	15.5	
1	6254	16	
1.5	7057	16.5	
2	7463	17	
2.5	7537	17.5	
3	7496	18	
3.5	7582	18.5	
4	8499	19	
4.5	8804	19.5	
5	8759	20	
5.5	8680	20.5	
6	8580	21	
6.5	7985	21.5	
7	6054	22	
7.5	3951	22.5	
8	3754	23	
8.5	3271	23.5	
9	3301	24	
9.5	3182	24.5	
10	3034	25	
10.5	2789	25.5	
11	2697	26	
11.5	2627	26.5	
12	2494	27	
12.5	2296	27.5	
13	2518	28	
13.5	2438	28.5	
14	2393	29	
14.5	2423	29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/23/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 18,100

Serial No: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,804 counts per 30 Sec.

Boring No.: A - 26.3

(Max Depth 13 ft)

(Off Set 1 ft North of "A" Line Due to Obstruction)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3724	15.5	
1	6357	16	
1.5	8251	16.5	
2	8524	17	
2.5	8204	17.5	
3	8014	18	
3.5	8164	18.5	
4	8498	19	
4.5	8280	19.5	
5	7699	20	
5.5	7427	20.5	
6	7458	21	
6.5	6834	21.5	
7	4632	22	
7.5	3519	22.5	
8	3232	23	
8.5	3038	23.5	
9	2922	24	
9.5	2918	24.5	
10	2997	25	
10.5	2868	25.5	
11	2722	26	
11.5	2531	26.5	
12	2684	27	
12.5	2538	27.5	
13	2660	28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site

DOWNHOLE FIELD LOG

Project #25585XG

Date: 08-21-01

Instrument Model # Ludlum 2221

Technician: Glen Huber

Operational Check: 19200cpm

Serial # 132844

Probe Model # PR 44-10

Serial # 168144

Cutoff Value = 7.2pCi/gm =

18,059 counts per 30 Sec.

• Shielded (2")

Boring # A.1 – 1.1 (Max Depth 7 ft 9 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	1612	15.5	
1	1590	16	
1.5	1718	16.5	
2	1800	17	
2.5	1995	17.5	
3	2011	18	
3.5	2074	18.5	
4	2035	19	
4.5	2255	19.5	
5	2262	20	
5.5	2334	20.5	
6	2320	21	
6.5	2296	21.5	
7	2307	22	
7.5	2366	22.5	
7' 9"	2279	23	
8.5		23.5	
9		24	
9.5		24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site
 DOWNHOLE FIELD LOG
 Project #25585XG

Date: 08-21-01

Instrument Model # Ludlum 2221
 Serial # 132844
 Probe Model # PR 44-10
 Serial # 168144

• Shielded (2")

Technician: Glen Huber
 Operational Check: 19200cpm

Cutoff Value = 7.2pCi/gm =
18,059 counts per 30 Sec.

Boring # A.1 – 1.4 (Max Depth 8 ft 3 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	1931	15.5	
1	2154	16	
1.5	2631	16.5	
2	3537	17	
2.5	4256	17.5	
3	5072	18	
3.5	5560	18.5	
4	5463	19	
4.5	5419	19.5	
5	5877	20	
5.5	5801	20.5	
6	4124	21	
6.5	3537	21.5	
7	3165	22	
7.5	2587	22.5	
8	2377	23	
8' 3"	2444	23.5	
9		24	
9.5		24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site

DOWNHOLE FIELD LOG Project #25585XG

Date: 08-21-01

Technician: Toby Shewan

Instrument Model #: Ludlum 2221

Operational Check: 19200cpm

Serial #: 132844

Probe Model #: PR 44-10

Serial #: 168144

Cutoff Value = 7.2pCi/gm =

• Shielded (2")

18,059 counts per 30 Sec.

Boring # A.1 – 1.8 (Max Depth 9 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	1791	15.5	
1	2833	16	
1.5	6456	16.5	
2	7366	17	
2.5	6333	17.5	
3	5936	18	
3.5	6664	18.5	
4	6763	19	
4.5	5780	19.5	
5	4487	20	
5.5	4090	20.5	
6	4353	21	
6.5	4554	21.5	
7	4836	22	
7.5	3393	22.5	
8	2456	23	
8.5	2381	23.5	
9	2390	24	
9.5		24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site

DOWNHOLE FIELD LOG

Project #25585XG

Date: 08-21-01

Instrument Model # Ludlum 2221

Technician: Toby Shewan

Operational Check: 19200cpm

Serial # 132844

Probe Model # PR 44-10

Serial # 168144

Cutoff Value = 7.2pCi/gm =

18,059 counts per 30 Sec.

• Shielded (2")

Boring # A.1 – 2.3 (Max Depth 9 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2130	15.5	
1	4827	16	
1.5	7470	16.5	
2	7217	17	
2.5	6777	17.5	
3	6574	18	
3.5	7577	18.5	
4	6729	19	
4.5	5062	19.5	
5	4714	20	
5.5	4942	20.5	
6	5075	21	
6.5	4025	21.5	
7	3254	22	
7.5	2532	22.5	
8	2402	23	
8.5	2527	23.5	
9	2645	24	
9.5		24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site

DOWNHOLE FIELD LOG Project #25585XG

Date: 08-21-01

Instrument Model # Ludlum 2221

Technician: Toby Shewan

Operational Check: 17200cpm

Serial # 132844

Probe Model # PR 44-10

Serial # 168144

Cutoff Value = 7.2pCi/gm =

18,059 counts per 30 Sec.

• Shielded (2")

Boring # A.1 – 2.7 (Max Depth 9 ft 2 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2728	15.5	
1	6709	16	
1.5	10124	16.5	
2	9700	17	
2.5	8950	17.5	
3	8038	18	
3.5	6096	18.5	
4	5239	19	
4.5	4503	19.5	
5	4209	20	
5.5	4507	20.5	
6	4216	21	
6.5	3935	21.5	
7	3490	22	
7.5	2718	22.5	
8	2361	23	
8.5	2389	23.5	
9	2415	24	
9' 2"	2467	24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site
DOWNHOLE FIELD LOG
Project #25585XG

Date: 08-22-01

Instrument Model # Ludlum 2221

Serial # 127242

Probe Model # PR 44-10

Serial # 168148

• Shielded (2")

Technician: Toby Shewan

Operational Check: 17000cpm

Cutoff Value = 7.2pCi/gm =

18,804 counts per 30 Sec.

Boring # A.1 – 3.1 (Max Depth 9 ft 5 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	5386	15.5	
1	15534	16	
1.5	62645	16.5	
2	49889	17	
2.5	19754	17.5	
3	12142	18	
3.5	7901	18.5	
4	5631	19	
4.5	4573	19.5	
5	4534	20	
5.5	5287	20.5	
6	5509	21	
6.5	5605	21.5	
7	4361	22	
7.5	2946	22.5	
8	2515	23	
8.5	2541	23.5	
9	2598	24	
9' 5"	2621	24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site

DOWNHOLE FIELD LOG

Project #25585XG

Date: 08-22-01

Instrument Model #: Ludlum 2221

Technician: Toby Shewan

Operational Check: 17000cpm

Serial #: 127242

Probe Model #: PR 44-10

Serial #: 168148

Cutoff Value = 7.2pCi/gm =

• Shielded (2")

18,804 counts per 30 Sec.

Boring # A.1 – 3.6 (Max Depth 9 ft 6 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2669	15.5	
1	5852	16	
1.5	7227	16.5	
2	6372	17	
2.5	5625	17.5	
3	4891	18	
3.5	5049	18.5	
4	4735	19	
4.5	4735	19.5	
5	4734	20	
5.5	6766	20.5	
6	5640	21	
6.5	3742	21.5	
7	3496	22	
7.5	3042	22.5	
8	2624	23	
8.5	2396	23.5	
9	2455	24	
9.5	2504	24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site
DOWNHOLE FIELD LOG
Project #25585XG

Date: 08-22-01

Instrument Model # Ludlum 2221
 Serial # 127242
 Probe Model # PR 44-10
 Serial # 168148

• Shielded (2")

Technician: Toby Shewan
 Operational Check: 17000cpm

Cutoff Value = 7.2pCi/gm =
18,804 counts per 30 Sec.

Boring # A.1 – 4.2 (Max Depth 9 ft 9 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	1638	15.5	
1	2560	16	
1.5	5738	16.5	
2	9571	17	
2.5	10045	17.5	
3	12338	18	
3.5	11815	18.5	
4	8732	19	
4.5	6288	19.5	
5	4998	20	
5.5	5548	20.5	
6	4839	21	
6.5	3900	21.5	
7	3230	22	
7.5	2553	22.5	
8	2465	23	
8.5	2415	23.5	
9	2551	24	
9.5	2644	24.5	
9' 9"	2540	25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site

DOWNHOLE FIELD LOG

Project #25585XG

Date: 08-22-01

Instrument Model # Ludlum 2221
Serial # 132844
Probe Model # PR 44-10
Serial # 168144

• Shielded (2")

Technician: Glen Huber
Operational Check: 19050cpm

Cutoff Value = 7.2pCi/gm =
18,059 counts per 30 Sec.

Boring # A.1 - 4.7 (Max Depth 9 ft 4 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	1541	15.5	
1	4016	16	
1.5	6141	16.5	
2	6216	17	
2.5	5795	17.5	
3	5507	18	
3.5	5165	18.5	
4	5093	19	
4.5	4636	19.5	
5	4121	20	
5.5	4237	20.5	
6	5293	21	
6.5	5244	21.5	
7	4575	22	
7.5	3112	22.5	
8	2503	23	
8.5	2312	23.5	
9	2345	24	
9' 4"	2378	24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site
 DOWNHOLE FIELD LOG
 Project #25585XG

Date: 08-22-01

Instrument Model # Ludlum 2221

Serial # 132844

Probe Model # PR 44-10

Serial # 168144

• Shielded (2")

Technician: Glen Huber

Operational Check: 19050cpm

Cutoff Value = 7.2pCi/gm =

18,059 counts per 30 Sec.

Boring # A.1 – 5.4 (Max Depth 9 ft 6 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2096	15.5	
1	7323	16	
1.5	10105	16.5	
2	9079	17	
2.5	7532	17.5	
3	7473	18	
3.5	6275	18.5	
4	5174	19	
4.5	4201	19.5	
5	3798	20	
5.5	4019	20.5	
6	4307	21	
6.5	3665	21.5	
7	2610	22	
7.5	2121	22.5	
8	2108	23	
8.5	2145	23.5	
9	2167	24	
9.5	2296	24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site
DOWNHOLE FIELD LOG
Project #25585XG

Date: 08-22-01

Instrument Model # Ludlum 2221
Serial # 127242
Probe Model # PR 44-10
Serial # 168148

• Shielded (2")

Technician: Toby Shewan
Operational Check: 17000cpm

Cutoff Value = 7.2pCi/gm =
18,804 counts per 30 Sec.

Boring # A.1 – 5.9 (Max Depth 8 ft 7 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2145	15.5	
1	1724	16	
1.5	3110	16.5	
2	6464	17	
2.5	7383	17.5	
3	7574	18	
3.5	6074	18.5	
4	4796	19	
4.5	4352	19.5	
5	4585	20	
5.5	4088	20.5	
6	4019	21	
6.5	3620	21.5	
7	3008	22	
7.5	2360	22.5	
8	2211	23	
8.5	2274	23.5	
9		24	
9.5		24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site
DOWNHOLE FIELD LOG
 Project #25585XG

Date: 08-22-01

Instrument Model # Ludlum 2221

Serial # 132844

Probe Model # PR 44-10

Serial # 168144

• Shielded (2")

Technician: Glen Huber

Operational Check: 19050cpm

Cutoff Value = 7.2pCi/gm =

18,059 counts per 30 Sec.

Boring # A.1 – 6.4 (Max Depth 9 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3940	15.5	
1	5120	16	
1.5	5873	16.5	
2	6131	17	
2.5	7072	17.5	
3	6938	18	
3.5	6221	18.5	
4	5149	19	
4.5	4220	19.5	
5	3909	20	
5.5	3303	20.5	
6	3426	21	
6.5	3396	21.5	
7	3053	22	
7.5	2669	22.5	
8	2364	23	
8.5	2300	23.5	
9	2391	24	
9.5		24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site

DOWNHOLE FIELD LOG

Project #25585XG

Date: 08-22-01

Instrument Model # Ludlum 2221

Technician: Toby Shewan

Operational Check: 17000cpm

Serial # 127242

Probe Model # PR 44-10

Serial # 168148

Cutoff Value = 7.2pCi/gm =

18,804 counts per 30 Sec.

• Shielded (2")

Boring # A.1 – 7.1 (Max Depth 8 ft 11 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	4797	15.5	
1	5440	16	
1.5	6896	16.5	
2	7237	17	
2.5	6806	17.5	
3	7501	18	
3.5	7779	18.5	
4	7793	19	
4.5	7604	19.5	
5	7256	20	
5.5	7309	20.5	
6	7432	21	
6.5	6800	21.5	
7	5060	22	
7.5	4769	22.5	
8	3863	23	
8.5	3140	23.5	
8' 11"	2917	24	
9.5		24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site
 DOWNHOLE FIELD LOG
 Project #25585XG

Date: 08-22-01

Instrument Model # Ludlum 2221
 Serial # 127242
 Probe Model # PR 44-10
 Serial # 168148

• Shielded (2")

Technician: Toby Shewan
 Operational Check: 17000cpm

Cutoff Value = 7.2pCi/gm =
18,804 counts per 30 Sec.

Boring # A.1 – 7.5 (Max Depth 9 ft 6 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2774	15.5	
1	4410	16	
1.5	5543	16.5	
2	6020	17	
2.5	6223	17.5	
3	6334	18	
3.5	7118	18.5	
4	7950	19	
4.5	7060	19.5	
5	6589	20	
5.5	6399	20.5	
6	6272	21	
6.5	5909	21.5	
7	5886	22	
7.5	4870	22.5	
8	3887	23	
8.5	2986	23.5	
9	2733	24	
9.5	2690	24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site
DOWNHOLE FIELD LOG
Project #25585XG

Date: 08-22-01

Instrument Model # Ludlum 2221
 Serial # 132844
 Probe Model # PR 44-10
 Serial # 168144

• Shielded (2")

Technician: Glen Huber
 Operational Check: 19050cpm

Cutoff Value = 7.2pCi/gm =
18,059 counts per 30 Sec.

Boring # A.1 – 8.1 (Max Depth 8 ft 6 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	4196	15.5	
1	5219	16	
1.5	5778	16.5	
2	5644	17	
2.5	5756	17.5	
3	5829	18	
3.5	5535	18.5	
4	5878	19	
4.5	6964	19.5	
5	7454	20	
5.5	7505	20.5	
6	6799	21	
6.5	6416	21.5	
7	5819	22	
7.5	5004	22.5	
8	3441	23	
8.5	2767	23.5	
9		24	
9.5		24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site
DOWNHOLE FIELD LOG
Project #25585XG

Date: 08-22-01

Instrument Model # Ludlum 2221

Serial # 132844

Probe Model # PR 44-10

Serial # 168144

• Shielded (2")

Technician: Glen Huber

Operational Check: 19050cpm

Cutoff Value = 7.2pCi/gm =

18,059 counts per 30 Sec.

Boring # A.1 – 8.6 (Max Depth 9 ft 3 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3921	15.5	
1	5327	16	
1.5	5667	16.5	
2	5553	17	
2.5	5642	17.5	
3	5666	18	
3.5	5514	18.5	
4	5479	19	
4.5	5484	19.5	
5	5805	20	
5.5	5697	20.5	
6	5624	21	
6.5	5540	21.5	
7	6145	22	
7.5	6058	22.5	
8	4890	23	
8.5	3429	23.5	
9	2782	24	
9' 3"	2638	24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site

DOWNHOLE FIELD LOG

Project #25585XG

Date: 08-22-01

Instrument Model # Ludlum 2221
Serial # 127242
Probe Model # PR 44-10
Serial # 168148

• Shielded (2")

Technician: Toby Shewan

Operational Check: 17000cpm

Cutoff Value = 7.2pCi/gm =
18,804 counts per 30 Sec.

Boring # A.1 – 9.2 (Max Depth 8 ft 7 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	4602	15.5	
1	5892	16	
1.5	7745	16.5	
2	8296	17	
2.5	6618	17.5	
3	6050	18	
3.5	6134	18.5	
4	5020	19	
4.5	4576	19.5	
5	4306	20	
5.5	5037	20.5	
6	5311	21	
6.5	4217	21.5	
7	3931	22	
7.5	3552	22.5	
8	3210	23	
8.5	2809	23.5	
9		24	
9.5		24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site

DOWNHOLE FIELD LOG

Project #25585XG

Date: 08-22-01

Instrument Model # Ludlum 2221

Technician: Toby Shewan

Serial # 127242

Operational Check: 17000cpm

Probe Model # PR 44-10

Serial # 168148

Cutoff Value = 7.2pCi/gm =

• Shielded (2")

18,804 counts per 30 Sec.

Boring # A.1 – 9.7 (Max Depth 8 ft 7 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	5450	15.5	
1	6715	16	
1.5	8550	16.5	
2	13361	17	
2.5	13715	17.5	
3	8705	18	
3.5	7084	18.5	
4	6537	19	
4.5	9000	19.5	
5	9844	20	
5.5	8052	20.5	
6	5361	21	
6.5	4153	21.5	
7	3749	22	
7.5	3347	22.5	
8	3110	23	
8.5	2990	23.5	
9		24	
9.5		24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site
DOWNHOLE FIELD LOG
Project #25585XG

Date: 08-22-01

Instrument Model # Ludlum 2221

Technician: Toby Shewan

Operational Check: 17000cpm

Serial # 127242

Probe Model # PR 44-10

Serial # 168148

Cutoff Value = 7.2pCi/gm =

• Shielded (2")

18,804 counts per 30 Sec.

Boring # A.1 – 10.3 (Max Depth 8 ft 7 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	4807	15.5	
1	5961	16	
1.5	6162	16.5	
2	6620	17	
2.5	6537	17.5	
3	6053	18	
3.5	5395	18.5	
4	5911	19	
4.5	5732	19.5	
5	5456	20	
5.5	6634	20.5	
6	7239	21	
6.5	7248	21.5	
7	7515	22	
7.5	6172	22.5	
8	4260	23	
8.5	3129	23.5	
9		24	
9.5		24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site
DOWNHOLE FIELD LOG
Project #25585XG

Date: 08-22-01

Instrument Model # Ludlum 2221
 Serial # 127242
 Probe Model # PR 44-10
 Serial # 168148

• Shielded (2")

Technician: Toby Shewan
 Operational Check: 17000cpm

Cutoff Value = 7.2pCi/gm =
18,804 counts per 30 Sec.

Boring # A.1 – 10.9 (Max Depth 9 ft 3 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	4536	15.5	
1	6394	16	
1.5	7990	16.5	
2	8855	17	
2.5	9045	17.5	
3	9093	18	
3.5	8551	18.5	
4	8543	19	
4.5	8544	19.5	
5	8445	20	
5.5	8528	20.5	
6	8406	21	
6.5	8512	21.5	
7	7197	22	
7.5	4448	22.5	
8	3634	23	
8.5	2967	23.5	
9	2621	24	
9.5		24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site
DOWNHOLE FIELD LOG
Project #25585XG

Date: 08-22-01

Instrument Model # Ludlum 2221
Serial # 127242
Probe Model # PR 44-10
Serial # 168148

• Shielded (2")

Technician: Toby Shewan
Operational Check: 17000cpm

Cutoff Value = 7.2pCi/gm =
18,804 counts per 30 Sec.

Boring # A.1 - 11.4 (Max Depth 9 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2590	15.5	
1	4434	16	
1.5	5651	16.5	
2	5576	17	
2.5	5131	17.5	
3	4012	18	
3.5	3535	18.5	
4	3896	19	
4.5	5470	19.5	
5	7121	20	
5.5	4845	20.5	
6	3874	21	
6.5	3747	21.5	
7	4078	22	
7.5	4006	22.5	
8	4146	23	
8.5	3279	23.5	
9	2872	24	
9.5		24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site
DOWNHOLE FIELD LOG
Project #25585XG

Date: 08-22-01

Instrument Model # Ludlum 2221
 Serial # 132844
 Probe Model # PR 44-10
 Serial # 168144

• Shielded (2")

Technician: Glen Huber
 Operational Check: 19050cpm

Cutoff Value = 7.2pCi/gm =
18,059 counts per 30 Sec.

Boring # A.1 – 11.9 (Max Depth 9 ft 6 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3736	15.5	
1	8140	16	
1.5	6975	16.5	
2	6528	17	
2.5	7776	17.5	
3	7979	18	
3.5	9775	18.5	
4	7821	19	
4.5	5790	19.5	
5	4942	20	
5.5	6719	20.5	
6	6474	21	
6.5	4442	21.5	
7	3781	22	
7.5	3644	22.5	
8	3477	23	
8.5	3147	23.5	
9	2695	24	
9.5	2620	24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15			

GMO Site

DOWNHOLE FIELD LOG

Project #25585XG

Date: 08-22-01

Instrument Model #: Ludlum 2221

Technician: Glen Huber

Operational Check: 19050cpm

Serial #: 132844

Probe Model #: PR 44-10

Serial #: 168144

Cutoff Value = 7.2pCi/gm =

• Shielded (2")

18,059 counts per 30 Sec.

Boring # A.1 – 12.5 (Max Depth 9 ft 6 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	4795	15.5	
1	8433	16	
1.5	7693	16.5	
2	7377	17	
2.5	8109	17.5	
3	8491	18	
3.5	8941	18.5	
4	8398	19	
4.5	8187	19.5	
5	7876	20	
5.5	7304	20.5	
6	6507	21	
6.5	6111	21.5	
7	4461	22	
7.5	2649	22.5	
8	1830	23	
8.5	1691	23.5	
9	1674	24	
9.5	2058	24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15			

GMO Site
 DOWNHOLE FIELD LOG
 Project #25585XG

Date: 08-22-01

Instrument Model # Ludlum 2221

Serial # 132844

Probe Model # PR 44-10

Serial # 168144

Technician: Glen Huber

Operational Check: 19050cpm

• Shielded (2")

Cutoff Value = 7.2pCi/gm =

18,059 counts per 30 Sec.

Boring # A.1 - 13.1 (Max Depth 9 ft 4 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3911	15.5	
1	5592	16	
1.5	5875	16.5	
2	5745	17	
2.5	5441	17.5	
3	5097	18	
3.5	5347	18.5	
4	5134	19	
4.5	4840	19.5	
5	4827	20	
5.5	4813	20.5	
6	4520	21	
6.5	3942	21.5	
7	3780	22	
7.5	4510	22.5	
8	4921	23	
8.5	5211	23.5	
9	3593	24	
9' 4"	3169	24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site

DOWNHOLE FIELD LOG

Project #25585XG

Date: 08-22-01

Instrument Model # Ludlum 2221

Technician: Glen Huber

Operational Check: 19050cpm

Serial # 132844

Probe Model # PR 44-10

Serial # 168144

Cutoff Value = 7.2pCi/gm =

18,059 counts per 30 Sec.

• Shielded (2")

Boring # A.1 – 13.6 (Skipped due to utility vault under surface)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5		15.5	
1		16	
1.5		16.5	
2		17	
2.5		17.5	
3		18	
3.5		18.5	
4		19	
4.5		19.5	
5		20	
5.5		20.5	
6		21	
6.5		21.5	
7		22	
7.5		22.5	
8		23	
8.5		23.5	
9		24	
9.5		24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site
DOWNHOLE FIELD LOG
Project #25585XG

Date: 08-22-01

Instrument Model # Ludlum 2221

Serial # 132844

Probe Model # PR 44-10

Serial # 168144

• Shielded (2")

Technician: Glen Huber

Operational Check: 19050cpm

Cutoff Value = 7.2pCi/gm =

18,059 counts per 30 Sec.

Boring # A.1 – 14.2 (Max Depth 9 ft 6 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3966	15.5	
1	5023	16	
1.5	4800	16.5	
2	4379	17	
2.5	4781	17.5	
3	7696	18	
3.5	7706	18.5	
4	6281	19	
4.5	4668	19.5	
5	4205	20	
5.5	4603	20.5	
6	4218	21	
6.5	3550	21.5	
7	3228	22	
7.5	3034	22.5	
8	3289	23	
8.5	3530	23.5	
9	3158	24	
9.5	2665	24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site

DOWNHOLE FIELD LOG

Project #25585XG

Date: 08-22-01

Instrument Model # Ludlum 2221

Technician: Toby Shewan

Operational Check: 17000cpm

Serial # 127242

Probe Model # PR 44-10

Serial # 168148

Cutoff Value = 7.2pCi/gm =

• Shielded (2")

18,804 counts per 30 Sec.

Boring # A.1 – 14.8 (Max Depth 9 ft 4 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	4684	15.5	
1	5445	16	
1.5	5403	16.5	
2	5414	17	
2.5	5218	17.5	
3	5663	18	
3.5	5349	18.5	
4	5254	19	
4.5	5139	19.5	
5	5834	20	
5.5	7150	20.5	
6	7029	21	
6.5	6094	21.5	
7	4786	22	
7.5	4168	22.5	
8	3777	23	
8.5	2900	23.5	
9	2775	24	
9' 4"	2601	24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site
DOWNHOLE FIELD LOG
Project #25585XG

Date: 08-22-01

Instrument Model # Ludlum 2221

Serial # 132844

Probe Model # PR 44-10

Serial # 168144

• Shielded (2")

Technician: Toby Shewan

Operational Check: 19050cpm

Cutoff Value = 7.2pCi/gm =

18,059 counts per 30 Sec.

Boring # A.1 – 15.2 (Max Depth 9 ft 6 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3729	15.5	
1	4613	16	
1.5	5239	16.5	
2	5513	17	
2.5	4814	17.5	
3	4702	18	
3.5	4703	18.5	
4	4856	19	
4.5	5401	19.5	
5	5794	20	
5.5	5960	20.5	
6	5964	21	
6.5	4495	21.5	
7	3710	22	
7.5	3455	22.5	
8	3099	23	
8.5	3444	23.5	
9	3097	24	
9.5	2461	24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site

DOWNHOLE FIELD LOG

Project #25585XG

Date: 08-22-01

Instrument Model # Ludlum 2221

Technician: Toby Shewan

Operational Check: 17000cpm

Serial # 127242

Probe Model # PR 44-10

Serial # 168148

Cutoff Value = 7.2pCi/gm =

• Shielded (2")

18,804 counts per 30 Sec.

Boring # A.1 – 15.8 (Max Depth 9 ft 6 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3804	15.5	
1	4669	16	
1.5	5599	16.5	
2	5611	17	
2.5	5520	17.5	
3	5345	18	
3.5	5073	18.5	
4	4839	19	
4.5	4952	19.5	
5	5038	20	
5.5	4942	20.5	
6	4751	21	
6.5	4239	21.5	
7	4890	22	
7.5	4269	22.5	
8	3166	23	
8.5	2894	23.5	
9	2879	24	
9.5	2619	24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site
DOWNHOLE FIELD LOG
Project #25585XG

Date: 08-22-01

Instrument Model # Ludlum 2221

Serial # 132844

Probe Model # PR 44-10

Serial # 168144

• Shielded (2")

Technician: Glen Huber

Operational Check: 19050cpm

Cutoff Value = 7.2pCi/gm =

18,059 counts per 30 Sec.

Boring # A.1 – 16.4 (Max Depth 9 ft 6 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	4486	15.5	
1	4920	16	
1.5	5751	16.5	
2	5425	17	
2.5	5787	17.5	
3	7049	18	
3.5	7030	18.5	
4	6967	19	
4.5	6281	19.5	
5	5230	20	
5.5	4266	20.5	
6	3340	21	
6.5	3419	21.5	
7	3423	22	
7.5	3085	22.5	
8	2961	23	
8.5	3115	23.5	
9	3075	24	
9.5	2679	24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site

DOWNHOLE FIELD LOG

Project #25585XG

Date: 08-22-01

Instrument Model # Ludlum 2221
Serial # 127242
Probe Model # PR 44-10
Serial # 168148

Technician: Toby Shewan

Operational Check: 17000cpm

• Shielded (2")

Cutoff Value = 7.2pCi/gm =
18,804 counts per 30 Sec.

Boring # A.1 – 16.9 (Max Depth 9 ft 6 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	4154	15.5	
1	4870	16	
1.5	5147	16.5	
2	5300	17	
2.5	5240	17.5	
3	5087	18	
3.5	5492	18.5	
4	5666	19	
4.5	5373	19.5	
5	5647	20	
5.5	5444	20.5	
6	5676	21	
6.5	4793	21.5	
7	3575	22	
7.5	3510	22.5	
8	3410	23	
8.5	3575	23.5	
9	3379	24	
9.5	2659	24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site
DOWNHOLE FIELD LOG
Project #25585XG

Date: 08-22-01
Instrument Model # Ludlum 2221
Serial # 127242
Probe Model # PR 44-10
Serial # 168148

• Shielded (2")

Technician: Toby Shewan
Operational Check: 17000cpm

Cutoff Value = 7.2pCi/gm =
18,804 counts per 30 Sec.

Boring # A.1 – 17.5 (Max Depth 9 ft 8 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3567	15.5	
1	3326	16	
1.5	4270	16.5	
2	5072	17	
2.5	5502	17.5	
3	6246	18	
3.5	6672	18.5	
4	6302	19	
4.5	6096	19.5	
5	5957	20	
5.5	6349	20.5	
6	4147	21	
6.5	2915	21.5	
7	2738	22	
7.5	3068	22.5	
8	3857	23	
8.5	3973	23.5	
9	3825	24	
9.5	2956	24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15			

**GMO Site
Down Hole Field Log
Project No. 25585XG**

Date: 10/23/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 18,100

Serial No: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,804 counts per 30 Sec.

**Boring No.: A.3 – 25
(Max Depth 13.5 ft)**

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	3063	15.5	
1	4981	16	
1.5	7530	16.5	
2	7908	17	
2.5	8219	17.5	
3	8591	18	
3.5	8580	18.5	
4	8589	19	
4.5	8962	19.5	
5	8936	20	
5.5	8640	20.5	
6	8669	21	
6.5	8400	21.5	
7	7022	22	
7.5	4377	22.5	
8	4313	23	
8.5	4246	23.5	
9	4008	24	
9.5	3359	24.5	
10	3015	25	
10.5	2977	25.5	
11	2651	26	
11.5	2443	26.5	
12	2275	27	
12.5	2242	27.5	
13	2254	28	
13.5	2285	28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/23/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 18,100

Serial No: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,804 counts per 30 Sec.

Boring No.: A.3 – 25.4

(Max Depth 14.5 ft)

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	28321	15.5	
1	4674	16	
1.5	7065	16.5	
2	7537	17	
2.5	7708	17.5	
3	7954	18	
3.5	7769	18.5	
4	7853	19	
4.5	8105	19.5	
5	7714	20	
5.5	8473	20.5	
6	8466	21	
6.5	8463	21.5	
7	7900	22	
7.5	7150	22.5	
8	4896	23	
8.5	4285	23.5	
9	4109	24	
9.5	3778	24.5	
10	3504	25	
10.5	3172	25.5	
11	2982	26	
11.5	2725	26.5	
12	2524	27	
12.5	2107	27.5	
13	2216	28	
13.5	2222	28.5	
14	2197	29	
14.5	2230	29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/24/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 17,950

Serial No.: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =
18,804 counts per 30 Sec.

* Shielded (2")

Boring No.: A.3 – 26.1
(Max Depth 11.5 ft)

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	3097	15.5	
1	4583	16	
1.5	6984	16.5	
2	7695	17	
2.5	7974	17.5	
3	8447	18	
3.5	8283	18.5	
4	8468	19	
4.5	8416	19.5	
5	8327	20	
5.5	7974	20.5	
6	7990	21	
6.5	7832	21.5	
7	7538	22	
7.5	4356	22.5	
8	5030	23	
8.5	3946	23.5	
9	3463	24	
9.5	3257	24.5	
10	3050	25	
10.5	3021	25.5	
11	2768	26	
11.5	2492	26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/24/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 17,950

Serial No: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,804 counts per 30 Sec.

Boring No.: A.3 – 26.9

(Max Depth 15.5 ft)

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	4587	15.5	2303
1	6735	16	
1.5	7743	16.5	
2	8361	17	
2.5	8130	17.5	
3	7620	18	
3.5	7742	18.5	
4	7553	19	
4.5	7670	19.5	
5	7407	20	
5.5	7626	20.5	
6	7572	21	
6.5	6398	21.5	
7	4298	22	
7.5	4739	22.5	
8	5072	23	
8.5	5215	23.5	
9	4468	24	
9.5	3403	24.5	
10	2992	25	
10.5	2785	25.5	
11	2683	26	
11.5	2707	26.5	
12	2570	27	
12.5	2368	27.5	
13	2498	28	
13.5	2362	28.5	
14	2323	29	
14.5	2407	29.5	
15	2294	30	

GMO Site

DOWNHOLE FIELD LOG

Project #25585XG

Date: 08-23-01

Instrument Model #: Ludlum 2221

Technician: Jason Howard

Operational Check: 16750cpm

Serial #: 127242

Probe Model #: PR 44-10

Serial #: 168148

Cutoff Value = 7.2pCi/gm =

18,804 counts per 30 Sec.

- Shielded (2")

Boring # A.4 – 1.2 (Max Depth 9 ft 3 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	1933	15.5	
1	2040	16	
1.5	2198	16.5	
2	2673	17	
2.5	2631	17.5	
3	2932	18	
3.5	2971	18.5	
4	3027	19	
4.5	3253	19.5	
5	3859	20	
5.5	4354	20.5	
6	4478	21	
6.5	3990	21.5	
7	3669	22	
7.5	3019	22.5	
8	2476	23	
8.5	2425	23.5	
9	2419	24	
9' 3"	2434	24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site
 DOWNHOLE FIELD LOG
 Project #25585XG

Date: 08-23-01

Instrument Model # Ludlum 2221

Technician: Glen Huber

Operational Check: 18800cpm

Serial # 132844

Probe Model # PR 44-10

Serial # 168144

Cutoff Value = 7.2pCi/gm =

• Shielded (2")

18,059 counts per 30 Sec.

Boring # A.4 – 1.6 (Max Depth 9 ft 4 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2058	15.5	
1	2861	16	
1.5	4715	16.5	
2	6485	17	
2.5	6303	17.5	
3	5573	18	
3.5	5268	18.5	
4	4799	19	
4.5	4545	19.5	
5	4654	20	
5.5	4695	20.5	
6	4854	21	
6.5	5849	21.5	
7	5305	22	
7.5	3440	22.5	
8	2768	23	
8.5	2520	23.5	
9	2442	24	
9' 4"	2541	24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site

DOWNHOLE FIELD LOG

Project #25585XG

Date: 08-23-01

Instrument Model # Ludlum 2221

Technician: Jason Howard

Operational Check: 16750cpm

Serial # 127242

Probe Model # PR 44-10

Serial # 168148

Cutoff Value = 7.2pCi/gm =

18,804 counts per 30 Sec.

• Shielded (2")

Boring # A.4 – 2.1 (Max Depth 9 ft 1 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3006	15.5	
1	7442	16	
1.5	9000	16.5	
2	9169	17	
2.5	8452	17.5	
3	8275	18	
3.5	8190	18.5	
4	7206	19	
4.5	5247	19.5	
5	4580	20	
5.5	3960	20.5	
6	3453	21	
6.5	3178	21.5	
7	2966	22	
7.5	2599	22.5	
8	2376	23	
8.5	2371	23.5	
9	2451	24	
9.5		24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site
 DOWNHOLE FIELD LOG
 Project #25585XG

Date: 08-23-01

Instrument Model # Ludlum 2221

Serial # 132844

Probe Model # PR 44-10

Serial # 168144

• Shielded (2")

Technician: Glen Huber

Operational Check: 18800cpm

Cutoff Value = 7.2pCi/gm =

18,059 counts per 30 Sec.

Boring # A.4 – 2.5 (Max Depth 9 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3068	15.5	
1	7380	16	
1.5	9712	16.5	
2	9802	17	
2.5	9700	17.5	
3	9831	18	
3.5	9072	18.5	
4	8435	19	
4.5	7216	19.5	
5	5428	20	
5.5	4583	20.5	
6	4187	21	
6.5	4180	21.5	
7	3653	22	
7.5	2733	22.5	
8	2420	23	
8.5	2564	23.5	
9	2516	24	
9.5		24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: August 23, 2001

Technician: Glenn Huber

Instrument Model No.: Ludium 2221

Operational Check: 18800cpm

Serial No: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/grm =

* Shielded (2")

18,059 counts per 30 sec.

Boring No.: A.4 - 2.8
(no hole - exterior hole contaminated)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5		15.5	
1		16	
1.5		16.5	
2		17	
2.5		17.5	
3		18	
3.5		18.5	
4		19	
4.5		19.5	
5		20	
5.5		20.5	
6		21	
6.5		21.5	
7		22	
7.5		22.5	
8		23	
8.5		23.5	
9		24	
9.5		24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: August 8, 2001

Technician: Glenn Huber

Instrument Model No.: Ludlum 2221

Operational Check: 18800cpm

Serial No: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 sec.

Boring No.: A.4 – 3.4
(no hole – exterior hole contaminated)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5		15.5	
1		16	
1.5		16.5	
2		17	
2.5		17.5	
3		18	
3.5		18.5	
4		19	
4.5		19.5	
5		20	
5.5		20.5	
6		21	
6.5		21.5	
7		22	
7.5		22.5	
8		23	
8.5		23.5	
9		24	
9.5		24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site

DOWNHOLE FIELD LOG

Project #25585XG

Date: 08-23-01

Instrument Model #: Ludlum 2221

Technician: Glen Huber

Serial #: 132844

Operational Check: 18800cpm

Probe Model #: PR 44-10

Serial #: 168144

Cutoff Value = 7.2pCi/gm =

• Shielded (2")

18,059 counts per 30 Sec.

Boring # A.4 – 3.9 (Max Depth 9 ft 5 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3887	15.5	
1	14351	16	
1.5	23288	16.5	
2	14288	17	
2.5	11160	17.5	
3	8802	18	
3.5	8025	18.5	
4	7004	19	
4.5	5588	19.5	
5	4113	20	
5.5	4562	20.5	
6	4129	21	
6.5	3010	21.5	
7	2646	22	
7.5	2205	22.5	
8	2215	23	
8.5	2315	23.5	
9	2483	24	
9.5		24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site
 DOWNHOLE FIELD LOG
 Project #25585XG

Date: 08-23-01

Instrument Model # Ludlum 2221

Technician: Jason Howard

Operational Check: 16750cpm

Serial # 127242

Probe Model # PR 44-10

Serial # 168148

Cutoff Value = 7.2pCi/gm =

• Shielded (2")

18,804 counts per 30 Sec.

Boring # A.4 – 4.4 (Max Depth 9 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3016	15.5	
1	28333	16	
1.5	22240	16.5	
2	14222	17	
2.5	11475	17.5	
3	8885	18	
3.5	7635	18.5	
4	6220	19	
4.5	4568	19.5	
5	3793	20	
5.5	3700	20.5	
6	3604	21	
6.5	3923	21.5	
7	3374	22	
7.5	2542	22.5	
8	2456	23	
8.5	2415	23.5	
9	2470	24	
9.5		24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site

DOWNHOLE FIELD LOG

Project #25585XG

Date: 08-23-01

Instrument Model # Ludlum 2221

Technician: Jason Howard

Operational Check: 16750cpm

Serial # 127242

Probe Model # PR 44-10

Serial # 168148

Cutoff Value = 7.2pCi/gm =

• Shielded (2")

18,804 counts per 30 Sec.

Boring # A.4 – 5.1 (Max Depth 9 ft 1 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3684	15.5	
1	33267	16	
1.5	18011	16.5	
2	12979	17	
2.5	9091	17.5	
3	6423	18	
3.5	5664	18.5	
4	4873	19	
4.5	4444	19.5	
5	4929	20	
5.5	5151	20.5	
6	4166	21	
6.5	4169	21.5	
7	3237	22	
7.5	2408	22.5	
8	2293	23	
8.5	2469	23.5	
9	2411	24	
9.5		24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site
 DOWNHOLE FIELD LOG
 Project #25585XG

Date: 08-23-01

Instrument Model # Ludlum 2221

Technician: Glen Huber

Operational Check: 18800cpm

Serial # 132844

Probe Model # PR 44-10

Serial # 168144

Cutoff Value = 7.2pCi/gm =

• Shielded (2")

18,059 counts per 30 Sec.

Boring # A.4 – 5.6 (Max Depth 9 ft 2 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2091	15.5	
1	1844	16	
1.5	3585	16.5	
2	8309	17	
2.5	8805	17.5	
3	8981	18	
3.5	6814	18.5	
4	5937	19	
4.5	5601	19.5	
5	5438	20	
5.5	4694	20.5	
6	4993	21	
6.5	4373	21.5	
7	3232	22	
7.5	2372	22.5	
8	2120	23	
8.5	2336	23.5	
9	2378	24	
9' 2"	2319	24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site

DOWNHOLE FIELD LOG

Project #25585XG

Date: 08-23-01

Instrument Model #: Ludlum 2221

Technician: Glen Huber

Operational Check: 18800cpm

Serial #: 132844

Probe Model #: PR 44-10

Serial #: 168144

Cutoff Value = 7.2pCi/gm =

18,059 counts per 30 Sec.

• Shielded (2")

Boring # A.4 – 6.2 (Max Depth 9 ft 3 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	4659	15.5	
1	5168	16	
1.5	4941	16.5	
2	5242	17	
2.5	4886	17.5	
3	4980	18	
3.5	5265	18.5	
4	5573	19	
4.5	5919	19.5	
5	5402	20	
5.5	4034	20.5	
6	2812	21	
6.5	1536	21.5	
7	1391	22	
7.5	1404	22.5	
8	1602	23	
8.5	2085	23.5	
9	2241	24	
9' 3"	2201	24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site
 DOWNHOLE FIELD LOG
 Project #25585XG

Date: 08-23-01

Instrument Model # Ludlum 2221

Technician: Jason Howard

Operational Check: 16750cpm

Serial # 127242

Probe Model # PR 44-10

Serial # 168148

Cutoff Value = 7.2pCi/gm =

• Shielded (2")

18,804 counts per 30 Sec.

Boring # A.4 – 6.7 (Max Depth 9 ft 1 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3814	15.5	
1	5740	16	
1.5	5894	16.5	
2	6450	17	
2.5	7601	17.5	
3	8826	18	
3.5	8822	18.5	
4	8126	19	
4.5	5813	19.5	
5	4864	20	
5.5	4585	20.5	
6	4678	21	
6.5	5994	21.5	
7	6479	22	
7.5	4550	22.5	
8	3205	23	
8.5	2558	23.5	
9	2419	24	
9.5		24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site

DOWNHOLE FIELD LOG

Project #25585XG

Date: 08-23-01

Instrument Model # Ludlum 2221

Technician: Jason Howard

Operational Check: 16750cpm

Serial # 127242

Probe Model # PR 44-10

Serial # 168148

Cutoff Value = 7.2pCi/gm =

• Shielded (2")

18,804 counts per 30 Sec.

Boring # A.4 – 7.3 (Max Depth 9 ft 2 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3211	15.5	
1	4862	16	
1.5	4986	16.5	
2	4625	17	
2.5	5749	17.5	
3	5540	18	
3.5	5516	18.5	
4	5512	19	
4.5	5828	19.5	
5	6031	20	
5.5	5431	20.5	
6	4313	21	
6.5	4121	21.5	
7	4604	22	
7.5	4963	22.5	
8	5452	23	
8.5	3957	23.5	
9	2725	24	
9' 2"	2800	24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site
DOWNHOLE FIELD LOG
Project #25585XG

Date: 08-23-01

Instrument Model # Ludlum 2221

Technician: Glen Huber

Operational Check: 18800cpm

Serial # 132844

Probe Model # PR 44-10

Serial # 168144

Cutoff Value = 7.2pCi/gm =

• Shielded (2") **18,059 counts per 30 Sec.**

Boring # A.4 – 7.8 (Max Depth 9 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	4617	15.5	
1	5910	16	
1.5	5883	16.5	
2	5769	17	
2.5	6586	17.5	
3	6508	18	
3.5	6397	18.5	
4	6644	19	
4.5	6821	19.5	
5	6939	20	
5.5	5888	20.5	
6	4136	21	
6.5	2627	21.5	
7	2250	22	
7.5	2052	22.5	
8	2080	23	
8.5	2225	23.5	
9	2451	24	
9.5		24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site

DOWNHOLE FIELD LOG

Project #25585XG

Date: 08-23-01

Instrument Model #: Ludlum 2221

Technician: Glen Huber

Operational Check: 18800cpm

Serial #: 132844

Probe Model #: PR 44-10

Serial #: 168144

Cutoff Value = 7.2pCi/gm =

18,059 counts per 30 Sec.

• Shielded (2")

Boring # A.4 – 8.3 (Max Depth 9 ft 9 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3547	15.5	
1	5508	16	
1.5	5840	16.5	
2	5984	17	
2.5	5634	17.5	
3	5240	18	
3.5	5742	18.5	
4	6267	19	
4.5	6236	19.5	
5	6161	20	
5.5	6170	20.5	
6	5795	21	
6.5	5233	21.5	
7	3956	22	
7.5	3038	22.5	
8	2658	23	
8.5	2506	23.5	
9	2414	24	
9.5	2511	24.5	
9' 9"	2427	25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site
 DOWNHOLE FIELD LOG
 Project #25585XG

Date: 08-23-01 Technician: Jason Howard
 Instrument Model # Ludlum 2221 Operational Check: 16750cpm
 Serial # 127242
 Probe Model # PR 44-10
 Serial # 168148
 • Shielded (2") Cutoff Value = 7.2pCi/gm =
18,804 counts per 30 Sec.

Boring # A.4 – 8.9 (Max Depth 9 ft 2 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	5229	15.5	
1	5633	16	
1.5	6257	16.5	
2	7318	17	
2.5	6621	17.5	
3	5741	18	
3.5	5842	18.5	
4	6125	19	
4.5	5920	19.5	
5	5705	20	
5.5	5476	20.5	
6	4876	21	
6.5	4581	21.5	
7	4445	22	
7.5	4610	22.5	
8	4620	23	
8.5	2815	23.5	
9	2900	24	
9.5		24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site

DOWNHOLE FIELD LOG

Project #25585XG

Date: 08-23-01

Instrument Model # Ludlum 2221

Technician: Glen Huber

Operational Check: 18800cpm

Serial # 132844

Probe Model # PR 44-10

Serial # 168144

Cutoff Value = 7.2pCi/gm =

• Shielded (2")

18,059 counts per 30 Sec.

Boring # A.4 - 9.4 (Max Depth 9 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	4267	15.5	
1	5212	16	
1.5	5043	16.5	
2	5310	17	
2.5	4517	17.5	
3	3623	18	
3.5	3399	18.5	
4	3366	19	
4.5	3372	19.5	
5	3613	20	
5.5	4155	20.5	
6	4948	21	
6.5	4132	21.5	
7	2240	22	
7.5	1667	22.5	
8	1691	23	
8.5	1791	23.5	
9	2316	24	
9.5		24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site
 DOWNHOLE FIELD LOG
 Project #25585XG

Date: 08-23-01

Instrument Model # Ludlum 2221

Technician: Jason Howard

Operational Check: 16750cpm

Serial # 127242

Probe Model # PR 44-10

Serial # 168148

Cutoff Value = 7.2pCi/gm =

• Shielded (2")

18,804 counts per 30 Sec.

Boring # A.4 - 10 (Max Depth 9 ft 2 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	5781	15.5	
1	6128	16	
1.5	6457	16.5	
2	6838	17	
2.5	6483	17.5	
3	6046	18	
3.5	6379	18.5	
4	5934	19	
4.5	5631	19.5	
5	5761	20	
5.5	5408	20.5	
6	5392	21	
6.5	5931	21.5	
7	5508	22	
7.5	5692	22.5	
8	3621	23	
8.5	2764	23.5	
9	2780	24	
9' 2"	2708	24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site

DOWNHOLE FIELD LOG

Project #25585XG

Date: 08-23-01

Instrument Model # Ludlum 2221

Technician: Jason Howard

Operational Check: 16750cpm

Serial # 127242

Probe Model # PR 44-10

Serial # 168148

Cutoff Value = 7.2pCi/gm =

18,804 counts per 30 Sec.

• Shielded (2")

Boring # A.4 – 10.5 (Max Depth 4 ft 3 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3856	15.5	
1	5916	16	
1.5	6575	16.5	
2	6560	17	
2.5	6348	17.5	
3	6931	18	
3.5	7552	18.5	
4	7597	19	
4' 3"	7467	19.5	
5		20	
5.5		20.5	
6		21	
6.5		21.5	
7		22	
7.5		22.5	
8		23	
8.5		23.5	
9		24	
9.5		24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site
DOWNHOLE FIELD LOG
Project #25585XG

Date: 08-23-01

Instrument Model # Ludlum 2221

Serial # 127242

Probe Model # PR 44-10

Serial # 168148

• Shielded (2")

Technician: Jason Howard

Operational Check: 16750cpm

Cutoff Value = 7.2pCi/gm =

18,804 counts per 30 Sec.

Boring # A.4 – 11.2 (Max Depth 8 ft 7 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	1904	15.5	
1	2014	16	
1.5	2379	16.5	
2	2730	17	
2.5	2772	17.5	
3	3028	18	
3.5	3386	18.5	
4	3568	19	
4.5	4044	19.5	
5	4307	20	
5.5	4643	20.5	
6	4618	21	
6.5	4386	21.5	
7	3872	22	
7.5	2335	22.5	
8	1544	23	
8.5	1430	23.5	
8' 7"	1428	24	
9.5		24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site

DOWNHOLE FIELD LOG

Project #25585XG

Date: 08-23-01

Instrument Model #: Ludlum 2221

Technician: Glen Huber

Operational Check: 18800cpm

Serial #: 132844

Probe Model #: PR 44-10

Serial #: 168144

Cutoff Value = 7.2pCi/gm =

18,059 counts per 30 Sec.

• Shielded (2")

Boring # A.4 – 11.7 (Max Depth 9 ft 6 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3426	15.5	
1	3650	16	
1.5	2774	16.5	
2	4506	17	
2.5	4484	17.5	
3	4917	18	
3.5	5053	18.5	
4	5275	19	
4.5	6504	19.5	
5	6424	20	
5.5	4772	20.5	
6	4155	21	
6.5	4343	21.5	
7	4921	22	
7.5	5548	22.5	
8	5723	23	
8.5	5941	23.5	
9	5814	24	
9.5	4149	24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site
DOWNHOLE FIELD LOG
Project #25585XG

Date: 08-23-01

Instrument Model # Ludlum 2221

Serial # 127242

Probe Model # PR 44-10

Serial # 168148

• Shielded (2")

Technician: Jason Howard

Operational Check: 16750cpm

Cutoff Value = 7.2pCi/gm =

18,804 counts per 30 Sec.

Boring # A.4 – 12.3 (Max Depth 9 ft 3 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2489	15.5	
1	2342	16	
1.5	3424	16.5	
2	4640	17	
2.5	6292	17.5	
3	6661	18	
3.5	7094	18.5	
4	7200	19	
4.5	7188	19.5	
5	6858	20	
5.5	7628	20.5	
6	7685	21	
6.5	7243	21.5	
7	5177	22	
7.5	4760	22.5	
8	4358	23	
8.5	3569	23.5	
9	2986	24	
9' 3"	2726	24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site

DOWNHOLE FIELD LOG

Project #25585XG

Date: 08-23-01

Instrument Model # Ludlum 2221

Technician: Glen Huber

Operational Check: 18800cpm

Serial # 132844

Probe Model # PR 44-10

Serial # 168144

Cutoff Value = 7.2pCi/gm =

18,059 counts per 30 Sec.

• Shielded (2")

Boring # A.4 – 12.7 (Max Depth 8 ft 4 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3022	15.5	
1	3966	16	
1.5	3720	16.5	
2	2777	17	
2.5	2445	17.5	
3	2413	18	
3.5	2457	18.5	
4	2731	19	
4.5	3182	19.5	
5	3651	20	
5.5	3937	20.5	
6	4097	21	
6.5	4026	21.5	
7	4405	22	
7.5	4056	22.5	
8	2428	23	
8' 4"	1862	23.5	
9		24	
9.5		24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site
 DOWNHOLE FIELD LOG
 Project #25585XG

Date: 08-23-01

Instrument Model # Ludlum 2221

Technician: Glen Huber

Operational Check: 18800cpm

Serial # 132844

Probe Model # PR 44-10

Serial # 168144

Cutoff Value = 7.2pCi/gm =

18,059 counts per 30 Sec.

• Shielded (2")

Boring # A.4 – 13.1 (Max Depth 9 ft 6 in) *hole offset 2m West due to utility

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3888	15.5	
1	5270	16	
1.5	5395	16.5	
2	5745	17	
2.5	5942	17.5	
3	6443	18	
3.5	10280	18.5	
4	15650	19	
4.5	10336	19.5	
5	6573	20	
5.5	4711	20.5	
6	5674	21	
6.5	6159	21.5	
7	5474	22	
7.5	5013	22.5	
8	4800	23	
8.5	4770	23.5	
9	4852	24	
9.5	3761	24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site

DOWNHOLE FIELD LOG

Project #25585XG

Date: 08-23-01

Instrument Model # Ludlum 2221

Technician: Jason Howard

Operational Check 16750 cpm

Serial # 127242

Probe Model # PR 44-10

Serial # 168148

Cutoff Value = 7.2 pCi/gm =

• Shielded (2")

18,804 counts per 30 Sec.

Boring # A.4 – 13.4 (Max Depth 9 ft 8 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3910	15.5	
1	4293	16	
1.5	4994	16.5	
2	5274	17	
2.5	5297	17.5	
3	5271	18	
3.5	5346	18.5	
4	5511	19	
4.5	5610	19.5	
5	5323	20	
5.5	5517	20.5	
6	4589	21	
6.5	3878	21.5	
7	3337	22	
7.5	3230	22.5	
8	3327	23	
8.5	3552	23.5	
9	3378	24	
9.5	2608	24.5	
9' 8"	2469	25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site

DOWNHOLE FIELD LOG

Project #25585XG

Date: 08-23-01

Instrument Model # Ludlum 2221

Technician: Jason Howard

Serial # 127242

Operational Check: 16750cpm

Probe Model # PR 44-10

Serial # 168148

Cutoff Value = 7.2pCi/gm =

- Shielded (2")

18,804 counts per 30 Sec.

Boring # A.4 – 14.5 (Max Depth 6 ft 5 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	5704	15.5	
1	5432	16	
1.5	5359	16.5	
2	5445	17	
2.5	5042	17.5	
3	4756	18	
3.5	4128	18.5	
4	4087	19	
4.5	4627	19.5	
5	3543	20	
5.5	1833	20.5	
6	1454	21	
6.5	1532	21.5	
7		22	
7.5		22.5	
8		23	
8.5		23.5	
9		24	
9.5		24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site

DOWNHOLE FIELD LOG

Project #25585XG

Date: 08-23-01

Instrument Model # Ludlum 2221

Technician: Jason Howard

Operational Check: 16750cpm

Serial # 127242

Probe Model # PR 44-10

Serial # 168148

Cutoff Value = 7.2pCi/gm =

• Shielded (2")

18,804 counts per 30 Sec.

Boring # A.4 – 15 (Max Depth 9 ft 2 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3258	15.5	
1	4685	16	
1.5	5132	16.5	
2	4797	17	
2.5	5005	17.5	
3	5369	18	
3.5	5124	18.5	
4	4219	19	
4.5	4088	19.5	
5	5315	20	
5.5	5184	20.5	
6	4886	21	
6.5	4558	21.5	
7	4027	22	
7.5	3597	22.5	
8	3095	23	
8.5	2935	23.5	
9	2959	24	
9' 2"	2756	24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site
 DOWNHOLE FIELD LOG
 Project #25585XG

Date: 08-23-01

Instrument Model # Ludlum 2221

Technician: Glen Huber

Operational Check: 18800cpm

Serial # 132844

Probe Model # PR 44-10

Serial # 168144

Cutoff Value = 7.2pCi/gm =

• Shielded (2")

18,059 counts per 30 Sec.

Boring # A.4 – 15.6 (Max Depth 9 ft 6 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3492	15.5	
1	4389	16	
1.5	4787	16.5	
2	4621	17	
2.5	4577	17.5	
3	4444	18	
3.5	5005	18.5	
4	5091	19	
4.5	5278	19.5	
5	5261	20	
5.5	5141	20.5	
6	4890	21	
6.5	4845	21.5	
7	4313	22	
7.5	3752	22.5	
8	3378	23	
8.5	2695	23.5	
9	2710	24	
9.5	2686	24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site
DOWNHOLE FIELD LOG
Project #25585XG

Date: 08-23-01

Instrument Model # Ludlum 2221

Technician: Glen Huber

Operational Check: 18800cpm

Serial # 132844

Probe Model # PR 44-10

Serial # 168144

Cutoff Value = 7.2pCi/gm =

18,059 counts per 30 Sec.

• Shielded (2")

Boring # A.4 – 16.1 (Max Depth 9 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3216	15.5	
1	3373	16	
1.5	3110	16.5	
2	4343	17	
2.5	5312	17.5	
3	5452	18	
3.5	5371	18.5	
4	4980	19	
4.5	4712	19.5	
5	4960	20	
5.5	5658	20.5	
6	6374	21	
6.5	6130	21.5	
7	6097	22	
7.5	6011	22.5	
8	2929	23	
8.5	1825	23.5	
9	1489	24	
9.5		24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site
 DOWNHOLE FIELD LOG
 Project #25585XG

Date: 08-23-01

Instrument Model # Ludlum 2221

Technician: Jason Howard

Serial # 127242

Operational Check: 16750cpm

Probe Model # PR 44-10

Serial # 168148

Cutoff Value = 7.2pCi/gm =

- Shielded (2")

18,804 counts per 30 Sec.

Boring # A.4 – 16.6 (Max Depth 9 ft 2 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3977	15.5	
1	4825	16	
1.5	5120	16.5	
2	5250	17	
2.5	5447	17.5	
3	5635	18	
3.5	5895	18.5	
4	5714	19	
4.5	5863	19.5	
5	5418	20	
5.5	5027	20.5	
6	4798	21	
6.5	4711	21.5	
7	4825	22	
7.5	4659	22.5	
8	5009	23	
8.5	5295	23.5	
9	5630	24	
9' 2"	5103	24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site

DOWNHOLE FIELD LOG

Project #25585XG

Date: 08-23-01

Instrument Model # Ludlum 2221

Technician: Jason Howard

Operational Check: 16750cpm

Serial # 127242

Probe Model # PR 44-10

Serial # 168148

Cutoff Value = 7.2pCi/gm =

18,804 counts per 30 Sec.

• Shielded (2")

Boring # A.4 – 17.3 (Max Depth 9 ft 2 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3345	15.5	
1	4384	16	
1.5	4751	16.5	
2	5121	17	
2.5	5990	17.5	
3	7195	18	
3.5	8465	18.5	
4	8915	19	
4.5	7310	19.5	
5	6252	20	
5.5	5332	20.5	
6	5240	21	
6.5	3615	21.5	
7	2844	22	
7.5	2792	22.5	
8	2402	23	
8.5	1922	23.5	
9	2011	24	
9' 2"	2262	24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site
 DOWNHOLE FIELD LOG
 Project #25585XG

Date: 08-23-01

Instrument Model # Ludlum 2221

Technician: Glen Huber

Serial # 132844

Operational Check: 18800cpm

Probe Model # PR 44-10

Serial # 168144

Cutoff Value = 7.2pCi/gm =

• Shielded (2")

18,059 counts per 30 Sec.

Boring # A.4 – 17.8 (Max Depth 9 ft 4 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3096	15.5	
1	3322	16	
1.5	3755	16.5	
2	4182	17	
2.5	4485	17.5	
3	4728	18	
3.5	5436	18.5	
4	5674	19	
4.5	5454	19.5	
5	5384	20	
5.5	5089	20.5	
6	4703	21	
6.5	4518	21.5	
7	3757	22	
7.5	2211	22.5	
8	1561	23	
8.5	1393	23.5	
9	1390	24	
9' 4"	1419	24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site
DOWNHOLE FIELD LOG
Project #25585XG

Date: 08-28-01

Instrument Model # Ludlum 2221
Serial # 127242
Probe Model # PR 44-10
Serial # 168148

• Shielded (2")

Technician: Jason Howard

Operational Check: 17100cpm

Cutoff Value = 7.2pCi/gm =
18,804 counts per 30 Sec.

Boring # A.1 – 18.2 (Max Depth 9 ft 2 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	1831	15.5	
1	3797	16	
1.5	4624	16.5	
2	4775	17	
2.5	4672	17.5	
3	4242	18	
3.5	4370	18.5	
4	4946	19	
4.5	6093	19.5	
5	6078	20	
5.5	4800	20.5	
6	2884	21	
6.5	2688	21.5	
7	2772	22	
7.5	2697	22.5	
8	2439	23	
8.5	2425	23.5	
9	2245	24	
9' 2"	2208	24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site
DOWNHOLE FIELD LOG
Project #25585XG

Date: 08-29-01

Instrument Model # Ludlum 2221

Serial # 132844

Probe Model # PR 44-10

Serial # 168144

• Shielded (2")

Technician: Toby Shewan

Operational Check: 19100cpm

Cutoff Value = 7.2pCi/gm =

18,059 counts per 30 Sec.

Boring # A.4 – 18.3 (Max Depth 9 ft 7 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2158	15.5	
1	2822	16	
1.5	4282	16.5	
2	6028	17	
2.5	5779	17.5	
3	4809	18	
3.5	5041	18.5	
4	6588	19	
4.5	5824	19.5	
5	3809	20	
5.5	3350	20.5	
6	3180	21	
6.5	2851	21.5	
7	2912	22	
7.5	2815	22.5	
8	2835	23	
8.5	2577	23.5	
9	2554	24	
9.5	2501	24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site

DOWNHOLE FIELD LOG

Project #25585XG

Date: 08-28-01

Instrument Model # Ludlum 2221
Serial # 132844
Probe Model # PR 44-10
Serial # 168144

• Shielded (2")

Technician: Toby Shewan

Operational Check: 17900cpm

Cutoff Value = 7.2pCi/gm =
18,059 counts per 30 Sec.

Boring # A.1 – 18.6 (Max Depth 9 ft 9 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	1843	15.5	
1	2501	16	
1.5	4326	16.5	
2	5462	17	
2.5	5459	17.5	
3	5511	18	
3.5	5391	18.5	
4	5257	19	
4.5	5036	19.5	
5	4695	20	
5.5	4835	20.5	
6	3935	21	
6.5	3131	21.5	
7	2998	22	
7.5	2838	22.5	
8	2501	23	
8.5	2157	23.5	
9	1278	24	
9.5	1832	24.5	
9' 9"	1872	25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site

DOWNHOLE FIELD LOG

Project #25585XG

Date: 08-29-01

Instrument Model # Ludlum 2221

Technician: Toby Shewan

Operational Check: 19100cpm

Serial # 132844

Probe Model # PR 44-10

Serial # 168144

Cutoff Value = 7.2pCi/gm =

- Shielded (2")

18,059 counts per 30 Sec.

Boring # A.4 – 18.9 (Max Depth 9 ft 9 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	1616	15.5	
1	2230	16	
1.5	4140	16.5	
2	4230	17	
2.5	5092	17.5	
3	4979	18	
3.5	5165	18.5	
4	5854	19	
4.5	5514	19.5	
5	3947	20	
5.5	3956	20.5	
6	4110	21	
6.5	3226	21.5	
7	2578	22	
7.5	2802	22.5	
8	2803	23	
8.5	3061	23.5	
9	2734	24	
9.5	2665	24.5	
9' 9"	2567	25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site

DOWNHOLE FIELD LOG

Project #25585XG

Date: 08-28-01

Instrument Model # Ludlum 2221

Technician: Toby Shewan

Operational Check: 17900cpm

Serial # 132844

Probe Model # PR 44-10

Serial # 168144

Cutoff Value = 7.2pCi/gm =

18,059 counts per 30 Sec.

• Shielded (2")

Boring # A.1 – 19.1 (Max Depth 9 ft 6 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	1599	15.5	
1	2477	16	
1.5	4725	16.5	
2	5674	17	
2.5	3781	17.5	
3	3187	18	
3.5	3638	18.5	
4	4648	19	
4.5	4345	19.5	
5	3396	20	
5.5	2976	20.5	
6	2911	21	
6.5	2259	21.5	
7	2383	22	
7.5	2783	22.5	
8	2631	23	
8.5	2584	23.5	
9	2490	24	
9.5	2283	24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site

DOWNHOLE FIELD LOG

Project #25585XG

Date: 08-29-01

Instrument Model # Ludlum 2221

Technician: Toby Shewan

Operational Check _____

Serial # 132844

Probe Model # PR 44-10

Serial # 168144

Cutoff Value = 7.2pCi/gm =

18,059 counts per 30 Sec.

- Shielded (2")

Boring # A.4 – 19.4 (Max Depth 9 ft 8 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	1651	15.5	
1	2236	16	
1.5	3543	16.5	
2	3926	17	
2.5	4633	17.5	
3	4895	18	
3.5	4231	18.5	
4	4968	19	
4.5	4546	19.5	
5	3452	20	
5.5	3508	20.5	
6	3949	21	
6.5	3022	21.5	
7	2146	22	
7.5	2415	22.5	
8	2721	23	
8.5	2686	23.5	
9	2655	24	
9.5	2422	24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site

DOWNHOLE FIELD LOG

Project #25585XG

Date: 08-28-01

Instrument Model #: Ludlum 2221

Technician: Jason Howard

Operational Check: 17100cpm

Serial #: 127242

Probe Model #: PR 44-10

Serial #: 168148

Cutoff Value = 7.2pCi/gm =

18,804 counts per 30 Sec.

- Shielded (2")

Boring # A.1 – 19.7 (Max Depth 9 ft 1 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2249	15.5	
1	4366	16	
1.5	5643	16.5	
2	5720	17	
2.5	5306	17.5	
3	4610	18	
3.5	4009	18.5	
4	3419	19	
4.5	2861	19.5	
5	2750	20	
5.5	3067	20.5	
6	2315	21	
6.5	2070	21.5	
7	2611	22	
7.5	2637	22.5	
8	2685	23	
8.5	2578	23.5	
9	2587	24	
9' 1"	2562	24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site
 DOWNHOLE FIELD LOG
 Project #25585XG

Date: 08-29-01

Instrument Model # Ludlum 2221

Serial # 132844

Probe Model # PR 44-10

Serial # 168144

• Shielded (2")

Technician: Toby Shewan

Operational Check _____

Cutoff Value = 7.2pCi/gm =

18,059 counts per 30 Sec.

Boring # A.4 - 20 (Max Depth 9 ft 8 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	1749	15.5	
1	2252	16	
1.5	3727	16.5	
2	4520	17	
2.5	4929	17.5	
3	5108	18	
3.5	4394	18.5	
4	3622	19	
4.5	3611	19.5	
5	3402	20	
5.5	2975	20.5	
6	3064	21	
6.5	2940	21.5	
7	2266	22	
7.5	2432	22.5	
8	2514	23	
8.5	2505	23.5	
9	2667	24	
9.5	2374	24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site

DOWNHOLE FIELD LOG

Project #25585XG

Date: 08-28-01

Instrument Model # Ludlum 2221

Technician: Jason Howard

Serial # 127242

Operational Check: 17100cpm

Probe Model # PR 44-10

Cutoff Value = 7.2pCi/gm =

Serial # 168148

18,804 counts per 30 Sec.

- Shielded (2")

Boring # A.1 – 20.3 (Max Depth 9 ft 2 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3784	15.5	
1	3974	16	
1.5	4322	16.5	
2	4287	17	
2.5	4574	17.5	
3	4900	18	
3.5	4598	18.5	
4	3636	19	
4.5	2956	19.5	
5	2886	20	
5.5	2937	20.5	
6	2252	21	
6.5	2485	21.5	
7	2909	22	
7.5	3065	22.5	
8	3804	23	
8.5	2971	23.5	
9	2602	24	
9' 2"	2070	24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site
 DOWNHOLE FIELD LOG
 Project #25585XG

Date: 08-29-01

Instrument Model # Ludlum 2221

Technician: Toby Shewan

Operational Check: 19100cpm

Serial # 132844

Probe Model # PR 44-10

Serial # 168144

Cutoff Value = 7.2pCi/gm =

- Shielded (2")

18,059 counts per 30 Sec.

Boring # A.4 – 20.6 (Max Depth 9 ft 9 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	1665	15.5	
1	2253	16	
1.5	3806	16.5	
2	5097	17	
2.5	5797	17.5	
3	5506	18	
3.5	5705	18.5	
4	5121	19	
4.5	3881	19.5	
5	3114	20	
5.5	3100	20.5	
6	2921	21	
6.5	2359	21.5	
7	2198	22	
7.5	2052	22.5	
8	2387	23	
8.5	2630	23.5	
9	2845	24	
9.5	2613	24.5	
9' 9"	2434	25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site

DOWNHOLE FIELD LOG

Project #25585XG

Date: 08-28-01

Instrument Model # Ludlum 2221

Technician: Toby Shewan

Operational Check: 17900cpm

Serial # 132844

Probe Model # PR 44-10

Serial # 168144

Cutoff Value = 7.2pCi/gm =

18,059 counts per 30 Sec.

- Shielded (2")

Boring # A.1 – 20.8 (Max Depth 9 ft 6 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	1780	15.5	
1	1854	16	
1.5	3090	16.5	
2	4489	17	
2.5	4905	17.5	
3	4860	18	
3.5	4449	18.5	
4	4013	19	
4.5	4685	19.5	
5	4035	20	
5.5	3303	20.5	
6	3686	21	
6.5	3508	21.5	
7	2677	22	
7.5	2755	22.5	
8	2855	23	
8.5	2715	23.5	
9	2866	24	
9.5	2596	24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site
 DOWNHOLE FIELD LOG
 Project #25585XG

Date: 08-29-01

Instrument Model # Ludlum 2221

Serial # 132844

Probe Model # PR 44-10

Serial # 168144

• Shielded (2")

Technician: Toby Shewan

Operational Check: 19100cpm

Cutoff Value = 7.2pCi/gm =

18,059 counts per 30 Sec.

Boring # A.4 – 21.1 (Max Depth 9 ft 4 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	1612	15.5	
1	1841	16	
1.5	3133	16.5	
2	4929	17	
2.5	5125	17.5	
3	5446	18	
3.5	4789	18.5	
4	4122	19	
4.5	3930	19.5	
5	3466	20	
5.5	3236	20.5	
6	4037	21	
6.5	3407	21.5	
7	2746	22	
7.5	2874	22.5	
8	3068	23	
8.5	3092	23.5	
9	2750	24	
9' 4"	2618	24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site

DOWNHOLE FIELD LOG

Project #25585XG

Date: 08-28-01

Instrument Model # Ludlum 2221

Technician: Toby Shewan

Operational Check: 17900cpm

Serial # 132844

Probe Model # PR 44-10

Serial # 168144

Cutoff Value = 7.2pCi/gm =

• Shielded (2")

18,059 counts per 30 Sec.

Boring # A.1 – 21.3 (Max Depth 9 ft 5 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	1658	15.5	
1	2196	16	
1.5	4174	16.5	
2	5545	17	
2.5	5816	17.5	
3	5798	18	
3.5	5735	18.5	
4	4957	19	
4.5	4086	19.5	
5	3260	20	
5.5	3249	20.5	
6	3617	21	
6.5	2990	21.5	
7	2235	22	
7.5	2475	22.5	
8	2850	23	
8.5	3084	23.5	
9	2848	24	
9' 5"	2615	24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site
 DOWNHOLE FIELD LOG
 Project #25585XG

Date: 08-29-01

Instrument Model # Ludlum 2221

Technician: Toby Shewan

Operational Check _____

Serial # 132844

Probe Model # PR 44-10

Serial # 168144

Cutoff Value = 7.2pCi/gm =

18,059 counts per 30 Sec.

- Shielded (2")

Boring # A.4 – 21.6 (Max Depth 9 ft 8 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	1704	15.5	
1	2179	16	
1.5	3729	16.5	
2	4864	17	
2.5	5286	17.5	
3	5481	18	
3.5	5876	18.5	
4	5793	19	
4.5	4841	19.5	
5	3756	20	
5.5	3395	20.5	
6	3509	21	
6.5	2994	21.5	
7	2276	22	
7.5	2534	22.5	
8	2759	23	
8.5	2660	23.5	
9	2621	24	
9.5	2519	24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site

DOWNHOLE FIELD LOG

Project #25585XG

Date: 08-28-01

Instrument Model # Ludlum 2221
Serial # 132844
Probe Model # PR 44-10
Serial # 168144

Technician: Toby Shewan

Operational Check: 17900cpm

• Shielded (2")

Cutoff Value = 7.2pCi/gm =
18,059 counts per 30 Sec.

Boring # A.1 – 21.9 (Max Depth 9 ft 10 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	1772	15.5	
1	2106	16	
1.5	4439	16.5	
2	6389	17	
2.5	6459	17.5	
3	4901	18	
3.5	4718	18.5	
4	4695	19	
4.5	4065	19.5	
5	3504	20	
5.5	3476	20.5	
6	3776	21	
6.5	3045	21.5	
7	2337	22	
7.5	2528	22.5	
8	2659	23	
8.5	2662	23.5	
9	2437	24	
9.5	2535	24.5	
9' 10"	2405	25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site
DOWNHOLE FIELD LOG
Project #25585XG

Date: 08-29-01

Instrument Model # Ludlum 2221

Serial # 132844

Probe Model # PR 44-10

Serial # 168144

• Shielded (2")

Technician: Toby Shewan

Operational Check: 19100cpm

Cutoff Value = 7.2pCi/gm =

18,059 counts per 30 Sec.

Boring # A.4 – 22.2 (Max Depth 9 ft 8 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	1662	15.5	
1	2028	16	
1.5	3514	16.5	
2	4561	17	
2.5	5019	17.5	
3	4365	18	
3.5	4020	18.5	
4	4331	19	
4.5	4228	19.5	
5	3370	20	
5.5	3140	20.5	
6	3205	21	
6.5	2728	21.5	
7	2448	22	
7.5	3516	22.5	
8	3257	23	
8.5	2763	23.5	
9	2656	24	
9.5	2504	24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site

DOWNHOLE FIELD LOG

Project #25585XG

Date: 08-28-01

Instrument Model # Ludlum 2221

Technician: Toby Shewan

Operational Check: 17900cpm

Serial # 132844

Probe Model # PR 44-10

Serial # 168144

Cutoff Value = 7.2pCi/gm =

• Shielded (2")

18,059 counts per 30 Sec.

Boring # A.1 - 22.4 (Max Depth 9 ft 10 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	1644	15.5	
1	2421	16	
1.5	4643	16.5	
2	6163	17	
2.5	6592	17.5	
3	6325	18	
3.5	5867	18.5	
4	6393	19	
4.5	5021	19.5	
5	3982	20	
5.5	3732	20.5	
6	3440	21	
6.5	2480	21.5	
7	2464	22	
7.5	3177	22.5	
8	3279	23	
8.5	2782	23.5	
9	2599	24	
9.5	2530	24.5	
9' 10"	2386	25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site
DOWNHOLE FIELD LOG
Project #25585XG

Date: 08-28-01

Instrument Model # Ludlum 2221

Technician: Jason Howard

Serial # 127242

Operational Check: 17100cpm

Probe Model # PR 44-10

Serial # 168148

Cutoff Value = 7.2pCi/gm =

• Shielded (2")

18,804 counts per 30 Sec.

Boring # A.1 – 22.5 (Max Depth 9 ft 2 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	1899	15.5	
1	4973	16	
1.5	6381	16.5	
2	6243	17	
2.5	5917	17.5	
3	5910	18	
3.5	5539	18.5	
4	4300	19	
4.5	3753	19.5	
5	3455	20	
5.5	2819	20.5	
6	2200	21	
6.5	2250	21.5	
7	3089	22	
7.5	2946	22.5	
8	2652	23	
8.5	2429	23.5	
9	2316	24	
9' 2"	2307	24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site

DOWNHOLE FIELD LOG

Project #25585XG

Date: 08-29-01

Instrument Model # Ludlum 2221
Serial # 132844
Probe Model # PR 44-10
Serial # 168144

Technician: Toby Shewan

Operational Check: 19100cpm

• Shielded (2")

Cutoff Value = 7.2pCi/gm =
18,059 counts per 30 Sec.

Boring # A.4 - 22.8 (Max Depth 9 ft 11 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	1597	15.5	
1	2164	16	
1.5	4412	16.5	
2	5846	17	
2.5	6620	17.5	
3	6342	18	
3.5	5299	18.5	
4	5630	19	
4.5	4885	19.5	
5	3772	20	
5.5	2975	20.5	
6	3157	21	
6.5	2575	21.5	
7	2269	22	
7.5	2694	22.5	
8	2760	23	
8.5	2938	23.5	
9	2776	24	
9.5	2400	24.5	
9' 11"	2358	25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site
 DOWNHOLE FIELD LOG
 Project #25585XG

Date: 08-28-01

Instrument Model # Ludlum 2221

Serial # 127242

Probe Model # PR 44-10

Serial # 168148

• Shielded (2")

Technician: Jason Howard

Operational Check: 17100cpm

Cutoff Value = 7.2pCi/gm =

18,804 counts per 30 Sec.

Boring # A.1 - 23 (Max Depth 8 ft 7 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	1562	15.5	
1	3861	16	
1.5	4654	16.5	
2	4755	17	
2.5	5178	17.5	
3	4831	18	
3.5	4929	18.5	
4	4545	19	
4.5	3973	19.5	
5	3533	20	
5.5	3766	20.5	
6	2658	21	
6.5	2396	21.5	
7	2620	22	
7.5	2644	22.5	
8	2686	23	
8.5	2479	23.5	
8' 7"	2439	24	
9.5		24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site
DOWNHOLE FIELD LOG
Project #25585XG

Date: 08-29-01

Instrument Model # Ludlum 2221

Technician: Toby Shewan

Operational Check: 19100cpm

Serial # 132844

Probe Model # PR 44-10

Serial # 168144

Cutoff Value = 7.2pCi/gm =

18,059 counts per 30 Sec.

• Shielded (2")

Boring # A.4 – 23.3 (Max Depth 9 ft 5 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	1653	15.5	
1	2168	16	
1.5	3997	16.5	
2	5552	17	
2.5	6308	17.5	
3	6246	18	
3.5	5725	18.5	
4	5082	19	
4.5	4384	19.5	
5	3643	20	
5.5	3528	20.5	
6	2598	21	
6.5	2066	21.5	
7	2344	22	
7.5	2641	22.5	
8	2768	23	
8.5	2634	23.5	
9	2585	24	
9' 5"	2524	24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site
 DOWNHOLE FIELD LOG
 Project #25585XG

Date: 08-28-01

Instrument Model # Ludlum 2221

Serial # 132844

Probe Model # PR 44-10

Serial # 168144

• Shielded (2")

Technician: Toby Shewan

Operational Check: 17900cpm

Cutoff Value = 7.2pCi/gm =

18,059 counts per 30 Sec.

Boring # A.1 – 23.5 (Max Depth 9 ft 9 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	1554	15.5	
1	2568	16	
1.5	3746	16.5	
2	4054	17	
2.5	5242	17.5	
3	6055	18	
3.5	6029	18.5	
4	4973	19	
4.5	5729	19.5	
5	6028	20	
5.5	5678	20.5	
6	4963	21	
6.5	4259	21.5	
7	3503	22	
7.5	3353	22.5	
8	3469	23	
8.5	3127	23.5	
9	2849	24	
9.5	2716	24.5	
9' 9"	2625	25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site

DOWNHOLE FIELD LOG

Project #25585XG

Date: 08-28-01

Instrument Model # Ludlum 2221

Technician: Jason Howard

Operational Check: 17100cpm

Serial # 127242

Probe Model # PR 44-10

Serial # 168148

Cutoff Value = 7.2pCi/gm =

18,804 counts per 30 Sec.

• Shielded (2")

Boring # A.4 – 23.9 (Max Depth 9 ft 3 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2538	15.5	
1	2058	16	
1.5	2897	16.5	
2	3468	17	
2.5	3474	17.5	
3	3708	18	
3.5	3829	18.5	
4	3813	19	
4.5	4023	19.5	
5	4307	20	
5.5	4710	20.5	
6	4150	21	
6.5	4024	21.5	
7	3920	22	
7.5	5545	22.5	
8	4895	23	
8.5	3588	23.5	
9	2795	24	
9' 3"	2558	24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site

DOWNHOLE FIELD LOG

Project #25585XG

Date: 08-28-01

Instrument Model # Ludlum 2221

Technician: Jason Howard

Serial # 127242

Operational Check: 17100cpm

Probe Model # PR 44-10

Serial # 168148

Cutoff Value = 7.2pCi/gm =

- Shielded (2")

18,804 counts per 30 Sec.

Boring # A.1 - 24.2 (Max Depth 9 ft 7 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3080	15.5	
1	2818	16	
1.5	3476	16.5	
2	2968	17	
2.5	2925	17.5	
3	3180	18	
3.5	3184	18.5	
4	3033	19	
4.5	3733	19.5	
5	3700	20	
5.5	4668	20.5	
6	4174	21	
6.5	3565	21.5	
7	3502	22	
7.5	4322	22.5	
8	4973	23	
8.5	4961	23.5	
9	4544	24	
9.5	3410	24.5	
9' 7"	3308	25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site

DOWNHOLE FIELD LOG

Project #25585XG

Date: 08-28-01

Instrument Model # Ludlum 2221

Technician: Jason Howard

Operational Check: 17100cpm

Serial # 127242

Probe Model # PR 44-10

Serial # 168148

Cutoff Value = 7.2pCi/gm =

• Shielded (2")

18,804 counts per 30 Sec.

Boring # A.4 – 24.4 (Max Depth 9 ft 3 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3542	15.5	
1	6662	16	
1.5	7764	16.5	
2	7565	17	
2.5	7158	17.5	
3	7461	18	
3.5	8264	18.5	
4	8601	19	
4.5	8235	19.5	
5	7684	20	
5.5	7598	20.5	
6	5720	21	
6.5	4098	21.5	
7	3829	22	
7.5	4227	22.5	
8	3774	23	
8.5	2978	23.5	
9	3303	24	
9' 3"	2865	24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/24/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 17,950

Serial No: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,804 counts per 30 Sec.

Boring No.: A.5 – 26.6

(Max Depth 13.5 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	4072	15.5	
1	6498	16	
1.5	8046	16.5	
2	8619	17	
2.5	8907	17.5	
3	9134	18	
3.5	9050	18.5	
4	8640	19	
4.5	8396	19.5	
5	7670	20	
5.5	7992	20.5	
6	7423	21	
6.5	7214	21.5	
7	5881	22	
7.5	4772	22.5	
8	4451	23	
8.5	3453	23.5	
9	3213	24	
9.5	3206	24.5	
10	2972	25	
10.5	2876	25.5	
11	2696	26	
11.5	2424	26.5	
12	2307	27	
12.5	2297	27.5	
13	2289	28	
13.5	2352	28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/23/01

Technician: Brett Barton

Instrument Model No.: Ludium 2221

Operational Check: 18,100

Serial No.: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,804 counts per 30 Sec.

Boring No.: A.7– 24.7
(Max Depth 12.5 ft)

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	2907	15.5	
1	3993	16	
1.5	6944	16.5	
2	7791	17	
2.5	8147	17.5	
3	7651	18	
3.5	7544	18.5	
4	7769	19	
4.5	7560	19.5	
5	7879	20	
5.5	8309	20.5	
6	8503	21	
6.5	8108	21.5	
7	7315	22	
7.5	8841	22.5	
8	5214	23	
8.5	4116	23.5	
9	3430	24	
9.5	3167	24.5	
10	2868	25	
10.5	2976	25.5	
11	2789	26	
11.5	2683	26.5	
12	2528	27	
12.5	2310	27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

**GMO Site
Down Hole Field Log
Project No. 25585XG**

Date: 10/23/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 18,100

Serial No: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,804 counts per 30 Sec.

Boring No.: A.7– 25.2

(Max Depth 11 ft)

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	3085	15.5	
1	4307	16	
1.5	7008	16.5	
2	7957	17	
2.5	8082	17.5	
3	8161	18	
3.5	8211	18.5	
4	8186	19	
4.5	8697	19.5	
5	8715	20	
5.5	8655	20.5	
6	8532	21	
6.5	8405	21.5	
7	7366	22	
7.5	4667	22.5	
8	4532	23	
8.5	4052	23.5	
9	3380	24	
9.5	3033	24.5	
10	2995	25	
10.5	2884	25.5	
11	2565	26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

**GMO Site
Down Hole Field Log
Project No. 25585XG**

Date: 10/24/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 17,950

Serial No.: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =
18,804 counts per 30 Sec.

* Shielded (2")

**Boring No.: A.7 – 25.7
(Max Depth 11 ft)**

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	2673	15.5	
1	4341	16	
1.5	6466	16.5	
2	7776	17	
2.5	7838	17.5	
3	8171	18	
3.5	8387	18.5	
4	8663	19	
4.5	8848	19.5	
5	8773	20	
5.5	8874	20.5	
6	8468	21	
6.5	8213	21.5	
7	6911	22	
7.5	5335	22.5	
8	4006	23	
8.5	3770	23.5	
9	3399	24	
9.5	2995	24.5	
10	3060	25	
10.5	2954	25.5	
11	2931	26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/24/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 17,950

Serial No: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,804 counts per 30 Sec.

Boring No.: A.7 – 26.3
(Max Depth 9 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3443	15.5	
1	5893	16	
1.5	7832	16.5	
2	8305	17	
2.5	8470	17.5	
3	8119	18	
3.5	7878	18.5	
4	7494	19	
4.5	7533	19.5	
5	7744	20	
5.5	7532	20.5	
6	7371	21	
6.5	6979	21.5	
7	5370	22	
7.5	3834	22.5	
8	3723	23	
8.5	3189	23.5	
9	3193	24	
9.5		24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/24/01

Technician: Toby Shewan

Instrument Model No.: Ludium 2221

Operational Check: 18,205

Serial No.: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 Sec.

Boring No.: A.7 - 27
(Max Depth 9.9 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3697	15.5	
1	6670	16	
1.5	8054	16.5	
2	9135	17	
2.5	9241	17.5	
3	9003	18	
3.5	8483	18.5	
4	8197	19	
4.5	7779	19.5	
5	7948	20	
5.5	7889	20.5	
6	7945	21	
6.5	6652	21.5	
7	4344	22	
7.5	4468	22.5	
8	3723	23	
8.5	3200	23.5	
9	3202	24	
9.5	3061	24.5	
9.9	2975	25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

**GMO Site
Down Hole Field Log
Project No. 25585XG**

Date: 10/23/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 18,100

Serial No: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,804 counts per 30 Sec.

**Boring No.: B - 24.4
(Max Depth 13.5 ft)**

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2649	15.5	
1	3873	16	
1.5	6159	16.5	
2	7177	17	
2.5	7556	17.5	
3	7222	18	
3.5	6330	18.5	
4	6048	19	
4.5	7626	19.5	
5	7814	20	
5.5	7461	20.5	
6	7905	21	
6.5	6167	21.5	
7	4245	22	
7.5	3856	22.5	
8	5441	23	
8.5	6209	23.5	
9	6226	24	
9.5	5726	24.5	
10	4791	25	
10.5	4087	25.5	
11	3457	26	
11.5	2640	26.5	
12	2571	27	
12.5	2514	27.5	
13	2494	28	
13.5	2434	28.5	
14		29	
14.5		29.5	
15		30	

**GMO Site
Down Hole Field Log
Project No. 25585XG**

Date: 10/23/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 18,100

Serial No.: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,804 counts per 30 Sec.

**Boring No.: B - 25
(Max Depth 14.5 ft)**

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2808	15.5	
1	3634	16	
1.5	5424	16.5	
2	7184	17	
2.5	7333	17.5	
3	7711	18	
3.5	8012	18.5	
4	8272	19	
4.5	8457	19.5	
5	8140	20	
5.5	8069	20.5	
6	8185	21	
6.5	8050	21.5	
7	8462	22	
7.5	7682	22.5	
8	5431	23	
8.5	3790	23.5	
9	4755	24	
9.5	5814	24.5	
10	5221	25	
10.5	4318	25.5	
11	3981	26	
11.5	3316	26.5	
12	2714	27	
12.5	2428	27.5	
13	2615	28	
13.5	2702	28.5	
14	2388	29	
14.5	2259	29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/24/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 17,950

Serial No: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

18,804 counts per 30 Sec.

* Shielded (2")

Boring No.: B - 25.6

(Max Depth 8.5 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3380	15.5	
1	5638	16	
1.5	8519	16.5	
2	8968	17	
2.5	8031	17.5	
3	7818	18	
3.5	8234	18.5	
4	8231	19	
4.5	8444	19.5	
5	8754	20	
5.5	8845	20.5	
6	8722	21	
6.5	8463	21.5	
7	6102	22	
7.5	5005	22.5	
8	5923	23	
8.5	5460	23.5	
9		24	
9.5		24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

**GMO Site
Down Hole Field Log
Project No. 25585XG**

Date: 10/24/01

Technician: Toby Shewan

Instrument Model No.: Ludlum 2221

Operational Check: 18,205

Serial No.: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 Sec.

Boring No.: B - 25.6

(Max Depth 10.9 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3334	15.5	
1	4154	16	
1.5	6667	16.5	
2	8603	17	
2.5	8924	17.5	
3	8994	18	
3.5	9176	18.5	
4	8919	19	
4.5	8357	19.5	
5	8188	20	
5.5	8467	20.5	
6	8647	21	
6.5	7461	21.5	
7	4794	22	
7.5	3796	22.5	
8	4888	23	
8.5	5010	23.5	
9	4084	24	
9.5	3461	24.5	
10	2764	25	
10.5	2555	25.5	
10.9	2404	26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/25/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 18,070

Serial No: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,804 counts per 30 Sec.

Boring No.: B - 26

(Max Depth 14.5 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3012	15.5	
1	5042	16	
1.5	8065	16.5	
2	8595	17	
2.5	8678	17.5	
3	8361	18	
3.5	8224	18.5	
4	7675	19	
4.5	7511	19.5	
5	7504	20	
5.5	7691	20.5	
6	7915	21	
6.5	7662	21.5	
7	6024	22	
7.5	4652	22.5	
8	7075	23	
8.5	8453	23.5	
9	8408	24	
9.5	7537	24.5	
10	5338	25	
10.5	3493	25.5	
11	2786	26	
11.5	2520	26.5	
12	2547	27	
12.5	2499	27.5	
13	2389	28	
13.5	2362	28.5	
14	2347	29	
14.5	2286	29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/25/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 18,070

Serial No: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,804 counts per 30 Sec.

Boring No.: B.3 – 25.7

(Max Depth 10.5 ft)

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	3097	15.5	
1	5080	16	
1.5	7385	16.5	
2	7677	17	
2.5	7782	17.5	
3	8045	18	
3.5	9152	18.5	
4	9617	19	
4.5	9309	19.5	
5	9359	20	
5.5	9070	20.5	
6	8751	21	
6.5	7312	21.5	
7	5618	22	
7.5	3907	22.5	
8	4507	23	
8.5	4563	23.5	
9	3640	24	
9.5	3201	24.5	
10	2733	25	
10.5	3006	25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/25/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 18,070

Serial No: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =
18,804 counts per 30 Sec.

* Shielded (2")

Boring No.: B.3 – 26.5

(Max Depth 14.5 ft)

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	2671	15.5	
1	3987	16	
1.5	6214	16.5	
2	7418	17	
2.5	8147	17.5	
3	8044	18	
3.5	8121	18.5	
4	8266	19	
4.5	8144	19.5	
5	8077	20	
5.5	7782	20.5	
6	8032	21	
6.5	8034	21.5	
7	6596	22	
7.5	5642	22.5	
8	5584	23	
8.5	8016	23.5	
9	8481	24	
9.5	8614	24.5	
10	7518	25	
10.5	3842	25.5	
11	3119	26	
11.5	2537	26.5	
12	2570	27	
12.5	2412	27.5	
13	2318	28	
13.5	2509	28.5	
14	2470	29	
14.5	2413	29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/24/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 17,950

Serial No: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

18,804 counts per 30 Sec.

* Shielded (2")

Boring No.: B.3 – 27

(Max Depth 12 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3770	15.5	
1	5987	16	
1.5	7055	16.5	
2	7561	17	
2.5	7280	17.5	
3	6993	18	
3.5	6459	18.5	
4	6143	19	
4.5	6131	19.5	
5	6098	20	
5.5	6738	20.5	
6	6657	21	
6.5	5365	21.5	
7	3756	22	
7.5	4223	22.5	
8	3585	23	
8.5	3109	23.5	
9	3006	24	
9.5	3104	24.5	
10	2896	25	
10.5	2745	25.5	
11	3008	26	
11.5	3009	26.5	
12	2892	27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/25/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 18,070

Serial No: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

18,804 counts per 30 Sec.

* Shielded (2")

Boring No.: B.5 – 24.7

(Max Depth 15.5 ft)

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	2537	15.5	2562
1	3451	16	
1.5	5415	16.5	
2	6410	17	
2.5	7631	17.5	
3	7261	18	
3.5	7166	18.5	
4	7613	19	
4.5	8514	19.5	
5	9131	20	
5.5	9167	20.5	
6	8364	21	
6.5	7672	21.5	
7	6918	22	
7.5	4155	22.5	
8	3251	23	
8.5	3084	23.5	
9	2878	24	
9.5	2514	24.5	
10	3018	25	
10.5	2472	25.5	
11	2404	26	
11.5	2406	26.5	
12	2316	27	
12.5	2408	27.5	
13	2411	28	
13.5	2613	28.5	
14	2401	29	
14.5	2379	29.5	
15	2308	30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/25/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 18,070

Serial No: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,804 counts per 30 Sec.

Boring No.: B.5 – 25.2

(Max Depth 12.5 ft)

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	2593	15.5	
1	3122	16	
1.5	4554	16.5	
2	6476	17	
2.5	7183	17.5	
3	7449	18	
3.5	8077	18.5	
4	8416	19	
4.5	9042	19.5	
5	8341	20	
5.5	8248	20.5	
6	8418	21	
6.5	7617	21.5	
7	7779	22	
7.5	5172	22.5	
8	4207	23	
8.5	3525	23.5	
9	3010	24	
9.5	3170	24.5	
10	2633	25	
10.5	2419	25.5	
11	2671	26	
11.5	2516	26.5	
12	2544	27	
12.5	2941	27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/29/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 17,900

Serial No: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

18,804 counts per 30 Sec.

* Shielded (2")

Boring No.: B.6 – 26.8

(Max Depth 13.5 ft)

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	2712	15.5	
1	3813	16	
1.5	6126	16.5	
2	6987	17	
2.5	6908	17.5	
3	7609	18	
3.5	7535	18.5	
4	7353	19	
4.5	7612	19.5	
5	8137	20	
5.5	8885	20.5	
6	9168	21	
6.5	8445	21.5	
7	5084	22	
7.5	3975	22.5	
8	4946	23	
8.5	3688	23.5	
9	3164	24	
9.5	2714	24.5	
10	2681	25	
10.5	2328	25.5	
11	2415	26	
11.5	2214	26.5	
12	2321	27	
12.5	2347	27.5	
13	2182	28	
13.5	2472	28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/31/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 18,000

Serial No: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

18,804 counts per 30 Sec.

* Shielded (2")

Boring No.: B.7 – 26.2

(Max Depth 11 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2866	15.5	
1	4054	16	
1.5	6474	16.5	
2	7742	17	
2.5	7582	17.5	
3	7408	18	
3.5	7821	18.5	
4	7961	19	
4.5	7432	19.5	
5	7752	20	
5.5	7977	20.5	
6	7891	21	
6.5	7804	21.5	
7	7151	22	
7.5	5391	22.5	
8	5436	23	
8.5	6784	23.5	
9	5219	24	
9.5	3358	24.5	
10	2820	25	
10.5	2550	25.5	
11	2495	26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

**GMO Site
Down Hole Field Log
Project No. 25585XG**

Date: 11/2/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 18,000

Serial No.: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,804 counts per 30 Sec.

Boring No.: B.8 - 26

(Max Depth 10.5 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3148	15.5	
1	4684	16	
1.5	6696	16.5	
2	6729	17	
2.5	6997	17.5	
3	6770	18	
3.5	7111	18.5	
4	7564	19	
4.5	7693	19.5	
5	7464	20	
5.5	6362	20.5	
6	7863	21	
6.5	8141	21.5	
7	8029	22	
7.5	5154	22.5	
8	4168	23	
8.5	3784	23.5	
9	3346	24	
9.5	2981	24.5	
10	3003	25	
10.5	3083	25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/31/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 18,000

Serial No: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,804 counts per 30 Sec.

Boring No.: B.8 – 26.5
(Max Depth 12 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2934	15.5	
1	5011	16	
1.5	7067	16.5	
2	7676	17	
2.5	7760	17.5	
3	7680	18	
3.5	8197	18.5	
4	7706	19	
4.5	7577	19.5	
5	7528	20	
5.5	7507	20.5	
6	6680	21	
6.5	5834	21.5	
7	4234	22	
7.5	4964	22.5	
8	4159	23	
8.5	3445	23.5	
9	3035	24	
9.5	2879	24.5	
10	2893	25	
10.5	2702	25.5	
11	2369	26	
11.5	2311	26.5	
12	2335	27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/25/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 18,070

Serial No.: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,804 counts per 30 Sec.

Boring No.: B.8 – 27

(Max Depth 11.5 ft)

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	3133	15.5	
1	5332	16	
1.5	7151	16.5	
2	7513	17	
2.5	7192	17.5	
3	8121	18	
3.5	8206	18.5	
4	7476	19	
4.5	7210	19.5	
5	7308	20	
5.5	6803	20.5	
6	5608	21	
6.5	5607	21.5	
7	4009	22	
7.5	5403	22.5	
8	4608	23	
8.5	3546	23.5	
9	3098	24	
9.5	3502	24.5	
10	4007	25	
10.5	4085	25.5	
11	3015	26	
11.5	2681	26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/31/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 18,000

Serial No: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

18,804 counts per 30 Sec.

* Shielded (2")

Boring No.: C.2 – 26.2

(Max Depth 12.5 ft)

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	2751	15.5	
1	4344	16	
1.5	6595	16.5	
2	6781	17	
2.5	7201	17.5	
3	7560	18	
3.5	7687	18.5	
4	7463	19	
4.5	7154	19.5	
5	7908	20	
5.5	8250	20.5	
6	8265	21	
6.5	8071	21.5	
7	5693	22	
7.5	5473	22.5	
8	5943	23	
8.5	5035	23.5	
9	5208	24	
9.5	4004	24.5	
10	3171	25	
10.5	2766	25.5	
11	2607	26	
11.5	2376	26.5	
12	2223	27	
12.5	2266	27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

**GMO Site
Down Hole Field Log
Project No. 25585XG**

Date: 10/29/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 17,900

Serial No.: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =
18,804 counts per 30 Sec.

* Shielded (2")

**Boring No.: C.2 – 26.8
(Max Depth 11.5 ft)**

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3079	15.5	
1	4710	16	
1.5	5669	16.5	
2	8271	17	
2.5	9031	17.5	
3	8880	18	
3.5	8391	18.5	
4	8408	19	
4.5	8327	19.5	
5	7665	20	
5.5	7261	20.5	
6	6347	21	
6.5	5281	21.5	
7	4503	22	
7.5	4016	22.5	
8	3677	23	
8.5	3336	23.5	
9	3121	24	
9.5	3019	24.5	
10	3517	25	
10.5	3019	25.5	
11	2617	26	
11.5	2641	26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 11/2/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 18,000

Serial No: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,804 counts per 30 Sec.

Boring No.: C.4 - 26

(Max Depth 12 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2687	15.5	
1	4117	16	
1.5	6893	16.5	
2	7257	17	
2.5	7127	17.5	
3	6800	18	
3.5	7353	18.5	
4	8082	19	
4.5	7897	19.5	
5	7612	20	
5.5	8150	20.5	
6	8320	21	
6.5	8297	21.5	
7	7284	22	
7.5	4361	22.5	
8	4391	23	
8.5	4293	23.5	
9	3565	24	
9.5	3303	24.5	
10	2911	25	
10.5	2797	25.5	
11	2789	26	
11.5	2778	26.5	
12	2455	27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

**GMO Site
Down Hole Field Log
Project No. 25585XG**

Date: 10/25/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 18,070

Serial No.: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,804 counts per 30 Sec.

Boring No.: C.4 – 27

(Max Depth 11.5 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3109	15.5	
1	4585	16	
1.5	6353	16.5	
2	7360	17	
2.5	8230	17.5	
3	8105	18	
3.5	8424	18.5	
4	8010	19	
4.5	8644	19.5	
5	8253	20	
5.5	7506	20.5	
6	7151	21	
6.5	5531	21.5	
7	4131	22	
7.5	4476	22.5	
8	4431	23	
8.5	3264	23.5	
9	3015	24	
9.5	2503	24.5	
10	2671	25	
10.5	2607	25.5	
11	2608	26	
11.5	2446	26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/31/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 18,000

Serial No: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

* Shielded (2") 18,804 counts per 30 Sec.

Boring No.: C.5 – 26.5
(Max Depth 10 ft)

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	5194	15.5	
1	7883	16	
1.5	8805	16.5	
2	9193	17	
2.5	9100	17.5	
3	8630	18	
3.5	7949	18.5	
4	7103	19	
4.5	6536	19.5	
5	6279	20	
5.5	7547	20.5	
6	6213	21	
6.5	4901	21.5	
7	5536	22	
7.5	5630	22.5	
8	5994	23	
8.5	5658	23.5	
9	4809	24	
9.5	3861	24.5	
10	3592	25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

**GMO Site
Down Hole Field Log
Project No. 25585XG**

Date: 10/29/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 17,900

Serial No.: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,804 counts per 30 Sec.

**Boring No.: C.7 – 26.8
(Max Depth 13.5 ft)**

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2990	15.5	
1	4698	16	
1.5	7363	16.5	
2	8454	17	
2.5	9210	17.5	
3	9391	18	
3.5	9279	18.5	
4	9199	19	
4.5	8797	19.5	
5	8962	20	
5.5	8683	20.5	
6	8524	21	
6.5	7693	21.5	
7	5679	22	
7.5	4149	22.5	
8	5196	23	
8.5	4095	23.5	
9	3249	24	
9.5	3079	24.5	
10	3003	25	
10.5	2920	25.5	
11	2789	26	
11.5	2522	26.5	
12	2409	27	
12.5	2319	27.5	
13	2248	28	
13.5	2209	28.5	
14		29	
14.5		29.5	
15		30	

**GMO Site
Down Hole Field Log
Project No. 25585XG**

Date: 10/31/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 18,000

Serial No: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

18,804 counts per 30 Sec.

* Shielded (2")

Boring No.: C.8 – 26.2

(Max Depth 12.5 ft)

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	3044	15.5	
1	2644	16	
1.5	7349	16.5	
2	8257	17	
2.5	8753	17.5	
3	8776	18	
3.5	8641	18.5	
4	8458	19	
4.5	8344	19.5	
5	8087	20	
5.5	8296	20.5	
6	8461	21	
6.5	7929	21.5	
7	6677	22	
7.5	4921	22.5	
8	5759	23	
8.5	6661	23.5	
9	5552	24	
9.5	3691	24.5	
10	3062	25	
10.5	2919	25.5	
11	2783	26	
11.5	2489	26.5	
12	2291	27	
12.5	2103	27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

**GMO Site
Down Hole Field Log
Project No. 25585XG**

Date: 11/2/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 18,000

Serial No.: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,804 counts per 30 Sec.

Boring No.: C.9 - 26

(Max Depth 11.5 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3553	15.5	
1	6073	16	
1.5	7788	16.5	
2	8359	17	
2.5	8431	17.5	
3	8441	18	
3.5	8416	18.5	
4	8771	19	
4.5	8335	19.5	
5	7572	20	
5.5	7389	20.5	
6	7360	21	
6.5	6336	21.5	
7	4624	22	
7.5	3729	22.5	
8	4366	23	
8.5	4098	23.5	
9	4163	24	
9.5	3855	24.5	
10	3204	25	
10.5	2936	25.5	
11	2667	26	
11.5	2437	26.5	
12	.	27	
12.5	.	27.5	
13	.	28	
13.5	.	28.5	
14	.	29	
14.5	.	29.5	
15	.	30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/31/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 18,000

Serial No.: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,804 counts per 30 Sec.

Boring No.: C.9 – 26.5

(Max Depth 11.5 ft)

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	3538	15.5	
1	6674	16	
1.5	8496	16.5	
2	8986	17	
2.5	8994	17.5	
3	9579	18	
3.5	9274	18.5	
4	8885	19	
4.5	8843	19.5	
5	8459	20	
5.5	8074	20.5	
6	7844	21	
6.5	7224	21.5	
7	5474	22	
7.5	5990	22.5	
8	4868	23	
8.5	3391	23.5	
9	2906	24	
9.5	2847	24.5	
10	2923	25	
10.5	2958	25.5	
11	2658	26	
11.5	2609	26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/25/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 18,070

Serial No: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,804 counts per 30 Sec.

Boring No.: C.9 – 27

(Max Depth 11.5 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3014	15.5	
1	4858	16	
1.5	7112	16.5	
2	8072	17	
2.5	8543	17.5	
3	8708	18	
3.5	8915	18.5	
4	8995	19	
4.5	9050	19.5	
5	8758	20	
5.5	8613	20.5	
6	8536	21	
6.5	7751	21.5	
7	5002	22	
7.5	5145	22.5	
8	6400	23	
8.5	5489	23.5	
9	4876	24	
9.5	3774	24.5	
10	4348	25	
10.5	4015	25.5	
11	2839	26	
11.5	2608	26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/31/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 18,000

Serial No: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

18,804 counts per 30 Sec.

* Shielded (2")

Boring No.: D.2 – 26.2

(Max Depth 12.5 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3409	15.5	
1	7274	16	
1.5	8671	16.5	
2	8940	17	
2.5	8765	17.5	
3	8810	18	
3.5	8777	18.5	
4	8692	19	
4.5	8311	19.5	
5	8484	20	
5.5	8759	20.5	
6	8774	21	
6.5	6647	21.5	
7	4801	22	
7.5	6182	22.5	
8	5561	23	
8.5	4601	23.5	
9	4423	24	
9.5	3340	24.5	
10	2871	25	
10.5	2890	25.5	
11	2749	26	
11.5	2649	26.5	
12	2382	27	
12.5	2337	27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

**GMO Site
Down Hole Field Log
Project No. 25585XG**

Date: 10/29/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 17,900

Serial No.: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =
18,804 counts per 30 Sec.

* Shielded (2")

Boring No.: D.3 – 26.8

(Max Depth 12.5 ft)

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	2658	15.5	
1	3930	16	
1.5	6577	16.5	
2	7717	17	
2.5	8160	17.5	
3	8657	18	
3.5	7904	18.5	
4	7822	19	
4.5	7984	19.5	
5	8358	20	
5.5	8308	20.5	
6	8022	21	
6.5	8098	21.5	
7	6884	22	
7.5	5012	22.5	
8	5883	23	
8.5	4308	23.5	
9	3395	24	
9.5	2972	24.5	
10	3258	25	
10.5	3064	25.5	
11	2509	26	
11.5	2464	26.5	
12	2472	27	
12.5	2371	27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/31/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 18,000

Serial No: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,804 counts per 30 Sec.

Boring No.: D.4 – 26.5

(Max Depth 10.5 ft)

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	3434	15.5	
1	6976	16	
1.5	8301	16.5	
2	8632	17	
2.5	8755	17.5	
3	8879	18	
3.5	9378	18.5	
4	9496	19	
4.5	9432	19.5	
5	8975	20	
5.5	8899	20.5	
6	8378	21	
6.5	6292	21.5	
7	4481	22	
7.5	6008	22.5	
8	4978	23	
8.5	4155	23.5	
9	3215	24	
9.5	3092	24.5	
10	2641	25	
10.5	2334	25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 11/2/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 18,000

Serial No.: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,804 counts per 30 Sec.

Boring No.: D.5 - 26

(Max Depth 12 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2859	15.5	
1	4895	16	
1.5	7473	16.5	
2	7728	17	
2.5	8105	17.5	
3	8626	18	
3.5	8568	18.5	
4	8836	19	
4.5	9209	19.5	
5	9679	20	
5.5	9498	20.5	
6	9310	21	
6.5	8023	21.5	
7	5023	22	
7.5	4152	22.5	
8	5160	23	
8.5	4949	23.5	
9	4861	24	
9.5	5125	24.5	
10	4326	25	
10.5	3604	25.5	
11	3069	26	
11.5	2724	26.5	
12	2403	27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/25/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 18,070

Serial No: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,804 counts per 30 Sec.

Boring No.: D.5 – 27

(Max Depth 11 ft)

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	2515	15.5	
1	4107	16	
1.5	7104	16.5	
2	8016	17	
2.5	8412	17.5	
3	8731	18	
3.5	8213	18.5	
4	8148	19	
4.5	7812	19.5	
5	7815	20	
5.5	8039	20.5	
6	8053	21	
6.5	6387	21.5	
7	4136	22	
7.5	3226	22.5	
8	2766	23	
8.5	2415	23.5	
9	2292	24	
9.5	2299	24.5	
10	2413	25	
10.5	2510	25.5	
11	2451	26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/31/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 18,000

Serial No.: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,804 counts per 30 Sec.

Boring No.: D.7 – 26.2
(Max Depth 8.5 ft)

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	2873	15.5	
1	4783	16	
1.5	7692	16.5	
2	8792	17	
2.5	8550	17.5	
3	8689	18	
3.5	8907	18.5	
4	9100	19	
4.5	8696	19.5	
5	9227	20	
5.5	8941	20.5	
6	8867	21	
6.5	8571	21.5	
7	6142	22	
7.5	4138	22.5	
8	5746	23	
8.5	5572	23.5	
9		24	
9.5		24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

**GMO Site
Down Hole Field Log
Project No. 25585XG**

Date: 10/29/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 17,900

Serial No: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

18,804 counts per 30 Sec.

* Shielded (2")

Boring No.: D.8 – 26.8

(Max Depth 12 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3898	15.5	
1	6390	16	
1.5	8042	16.5	
2	8329	17	
2.5	8404	17.5	
3	8266	18	
3.5	8106	18.5	
4	8107	19	
4.5	8864	19.5	
5	9111	20	
5.5	8759	20.5	
6	8212	21	
6.5	6233	21.5	
7	4160	22	
7.5	3932	22.5	
8	3198	23	
8.5	3022	23.5	
9	2841	24	
9.5	2938	24.5	
10	2734	25	
10.5	2435	25.5	
11	2294	26	
11.5	2320	26.5	
12	2478	27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 11/2/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 18,000

Serial No: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =
18,804 counts per 30 Sec.

* Shielded (2")

Boring No.: E.1 - 26

(Max Depth 12 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3508	15.5	
1	5157	16	
1.5	7553	16.5	
2	8630	17	
2.5	8964	17.5	
3	8839	18	
3.5	8748	18.5	
4	8370	19	
4.5	8271	19.5	
5	8518	20	
5.5	8461	20.5	
6	8227	21	
6.5	7147	21.5	
7	5215	22	
7.5	3946	22.5	
8	5181	23	
8.5	5282	23.5	
9	4615	24	
9.5	4314	24.5	
10	3818	25	
10.5	3322	25.5	
11	2603	26	
11.5	2463	26.5	
12	2358	27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/31/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 18,000

Serial No: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,804 counts per 30 Sec.

Boring No.: E.1 – 26.5

(Max Depth 12 ft)

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	3315	15.5	
1	6360	16	
1.5	7804	16.5	
2	8224	17	
2.5	8303	17.5	
3	8069	18	
3.5	8245	18.5	
4	8788	19	
4.5	8445	19.5	
5	8807	20	
5.5	8987	20.5	
6	8381	21	
6.5	5918	21.5	
7	5659	22	
7.5	6084	22.5	
8	4875	23	
8.5	4282	23.5	
9	4066	24	
9.5	3776	24.5	
10	2613	25	
10.5	2531	25.5	
11	2526	26	
11.5	2409	26.5	
12	2369	27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

**GMO Site
Down Hole Field Log
Project No. 25585XG**

Date: 10/25/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 18,070

Serial No: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,804 counts per 30 Sec.

**Boring No.: E.1 – 27
(Max Depth 12 ft)**

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	3080	15.5	
1	4829	16	
1.5	7561	16.5	
2	8054	17	
2.5	7892	17.5	
3	9002	18	
3.5	9058	18.5	
4	7064	19	
4.5	7214	19.5	
5	7842	20	
5.5	8110	20.5	
6	8004	21	
6.5	7513	21.5	
7	5310	22	
7.5	4416	22.5	
8	3507	23	
8.5	3012	23.5	
9	3067	24	
9.5	2841	24.5	
10	3545	25	
10.5	2675	25.5	
11	2644	26	
11.5	2425	26.5	
12	2016	27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/31/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 18,000

Serial No: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,804 counts per 30 Sec.

Boring No.: E.3 – 26.2

(Max Depth 12.5 ft)

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	3134	15.5	
1	4419	16	
1.5	6755	16.5	
2	7669	17	
2.5	8177	17.5	
3	7676	18	
3.5	8115	18.5	
4	8559	19	
4.5	8686	19.5	
5	8176	20	
5.5	8394	20.5	
6	8019	21	
6.5	7565	21.5	
7	5836	22	
7.5	4752	22.5	
8	5595	23	
8.5	4009	23.5	
9	3547	24	
9.5	3294	24.5	
10	3253	25	
10.5	3187	25.5	
11	3239	26	
11.5	2804	26.5	
12	2607	27	
12.5	2476	27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

**GMO Site
Down Hole Field Log
Project No. 25585XG**

Date: 10/29/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 17,900

Serial No.: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,804 counts per 30 Sec.

**Boring No.: E.3 – 26.8
(Max Depth 13.5 ft)**

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2923	15.5	
1	4607	16	
1.5	7466	16.5	
2	8097	17	
2.5	8215	17.5	
3	7762	18	
3.5	8320	18.5	
4	8600	19	
4.5	8417	19.5	
5	8678	20	
5.5	9046	20.5	
6	8679	21	
6.5	7960	21.5	
7	6006	22	
7.5	4114	22.5	
8	4409	23	
8.5	4254	23.5	
9	3812	24	
9.5	3652	24.5	
10	3228	25	
10.5	2890	25.5	
11	2588	26	
11.5	2394	26.5	
12	2287	27	
12.5	2317	27.5	
13	2350	28	
13.5	2370	28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 11/2/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 18,000

Serial No.: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,804 counts per 30 Sec.

Boring No.: E.6 - 26

(Max Depth 12.5 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3361	15.5	
1	5824	16	
1.5	7912	16.5	
2	8775	17	
2.5	9195	17.5	
3	9396	18	
3.5	9327	18.5	
4	8740	19	
4.5	8459	19.5	
5	8262	20	
5.5	8402	20.5	
6	8494	21	
6.5	8404	21.5	
7	7030	22	
7.5	5039	22.5	
8	7245	23	
8.5	6316	23.5	
9	4379	24	
9.5	4366	24.5	
10	3987	25	
10.5	4122	25.5	
11	3907	26	
11.5	3125	26.5	
12	2619	27	
12.5	2602	27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/31/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 18,000

Serial No.: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =
18,804 counts per 30 Sec.

* Shielded (2")

Boring No.: E.7 – 26.2
(Max Depth 6.5 ft)

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	2801	15.5	
1	4244	16	
1.5	6861	16.5	
2	8655	17	
2.5	8299	17.5	
3	9085	18	
3.5	9147	18.5	
4	9196	19	
4.5	8738	19.5	
5	8892	20	
5.5	8933	20.5	
6	7900	21	
6.5	5466	21.5	
7		22	
7.5		22.5	
8		23	
8.5		23.5	
9		24	
9.5		24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/31/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 18,000

Serial No.: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

18,804 counts per 30 Sec.

* Shielded (2")

Boring No.: E.7 – 26.5

(Max Depth 11.5 ft)

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	2517	15.5	
1	3522	16	
1.5	5627	16.5	
2	7836	17	
2.5	8472	17.5	
3	8691	18	
3.5	8513	18.5	
4	8257	19	
4.5	8035	19.5	
5	8265	20	
5.5	7744	20.5	
6	8151	21	
6.5	8025	21.5	
7	6763	22	
7.5	4296	22.5	
8	4484	23	
8.5	3848	23.5	
9	3311	24	
9.5	3461	24.5	
10	3444	25	
10.5	3132	25.5	
11	2842	26	
11.5	2621	26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

**GMO Site
Down Hole Field Log
Project No. 25585XG**

Date: 10/25/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 18,070

Serial No.: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,804 counts per 30 Sec.

Boring No.: E.7 – 27

(Max Depth 11 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2435	15.5	
1	3902	16	
1.5	6694	16.5	
2	7702	17	
2.5	7753	17.5	
3	7909	18	
3.5	8528	18.5	
4	8976	19	
4.5	8907	19.5	
5	8627	20	
5.5	8152	20.5	
6	7261	21	
6.5	4773	21.5	
7	3508	22	
7.5	2878	22.5	
8	2671	23	
8.5	2597	23.5	
9	2563	24	
9.5	2583	24.5	
10	2534	25	
10.5	2471	25.5	
11	2397	26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/29/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 17,900

Serial No: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

18,804 counts per 30 Sec.

* Shielded (2")

Boring No.: E.9 – 26.8

(Max Depth 12.5 ft)

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	3957	15.5	
1	7260	16	
1.5	8453	16.5	
2	8476	17	
2.5	8526	17.5	
3	8825	18	
3.5	8994	18.5	
4	8600	19	
4.5	8632	19.5	
5	8544	20	
5.5	8020	20.5	
6	6264	21	
6.5	4634	21.5	
7	5602	22	
7.5	5095	22.5	
8	3679	23	
8.5	3046	23.5	
9	2875	24	
9.5	2804	24.5	
10	2833	25	
10.5	2698	25.5	
11	2376	26	
11.5	2298	26.5	
12	2181	27	
12.5	2216	27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 11/2/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 18,000

Serial No: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,804 counts per 30 Sec.

Boring No.: F.2 - 26

(Max Depth 11.5 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3941	15.5	
1	6416	16	
1.5	8454	16.5	
2	8721	17	
2.5	9006	17.5	
3	9045	18	
3.5	8724	18.5	
4	8539	19	
4.5	8382	19.5	
5	8354	20	
5.5	7692	20.5	
6	7424	21	
6.5	6322	21.5	
7	4846	22	
7.5	6074	22.5	
8	5668	23	
8.5	4757	23.5	
9	3599	24	
9.5	3198	24.5	
10	2891	25	
10.5	2854	25.5	
11	2514	26	
11.5	2461	26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/31/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 18,000

Serial No: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,804 counts per 30 Sec.

Boring No.: F.2 – 26.5

(Max Depth 12.5 ft)

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	3280	15.5	
1	5754	16	
1.5	7624	16.5	
2	8046	17	
2.5	8085	17.5	
3	7957	18	
3.5	8150	18.5	
4	8186	19	
4.5	8100	19.5	
5	8021	20	
5.5	8088	20.5	
6	8165	21	
6.5	6784	21.5	
7	4412	22	
7.5	4872	22.5	
8	3821	23	
8.5	3312	23.5	
9	3482	24	
9.5	3184	24.5	
10	2905	25	
10.5	2750	25.5	
11	2460	26	
11.5	2221	26.5	
12	2214	27	
12.5	2110	27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

**GMO Site
Down Hole Field Log
Project No. 25585XG**

Date: 10/25/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 18,070

Serial No: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,804 counts per 30 Sec.

Boring No.: F.2 – 27

(Max Depth 12 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3685	15.5	
1	6140	16	
1.5	7416	16.5	
2	7534	17	
2.5	7931	17.5	
3	7039	18	
3.5	6967	18.5	
4	7054	19	
4.5	7514	19.5	
5	8120	20	
5.5	7842	20.5	
6	8142	21	
6.5	6614	21.5	
7	4562	22	
7.5	4563	22.5	
8	3214	23	
8.5	3086	23.5	
9	3261	24	
9.5	3145	24.5	
10	2981	25	
10.5	3149	25.5	
11	2782	26	
11.5	2443	26.5	
12	2331	27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 11/1/01

Technician: Joel Ahrweiler

Instrument Model No.: Ludlum 2221

Operational Check: 18,080

Serial No.: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 Sec.

Boring No.: F.4 – 26.2

(Max Depth 12 ft)

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	2825	15.5	
1	5032	16	
1.5	7095	16.5	
2	7296	17	
2.5	7577	17.5	
3	7352	18	
3.5	6775	18.5	
4	7243	19	
4.5	7764	19.5	
5	7605	20	
5.5	8004	20.5	
6	8395	21	
6.5	8813	21.5	
7	8641	22	
7.5	6773	22.5	
8	4902	23	
8.5	6201	23.5	
9	5164	24	
9.5	3306	24.5	
10	2906	25	
10.5	2747	25.5	
11	2905	26	
11.5	2876	26.5	
12	2467	27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/29/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 17,900

Serial No.: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =
18,804 counts per 30 Sec.

* Shielded (2")

Boring No.: F.5 – 26.8
(Max Depth 11 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3316	15.5	
1	7285	16	
1.5	7763	16.5	
2	8838	17	
2.5	9040	17.5	
3	8302	18	
3.5	7806	18.5	
4	8370	19	
4.5	8859	19.5	
5	9887	20	
5.5	9913	20.5	
6	8450	21	
6.5	5421	21.5	
7	4500	22	
7.5	3916	22.5	
8	3214	23	
8.5	3247	23.5	
9	3168	24	
9.5	2671	24.5	
10	2604	25	
10.5	2342	25.5	
11	2144	26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

**GMO Site
Down Hole Field Log
Project No. 25585XG**

Date: 11/2/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 18,000

Serial No: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,804 counts per 30 Sec.

Boring No.: F.7 - 26

(Max Depth 12.5 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2773	15.5	
1	5156	16	
1.5	6887	16.5	
2	7152	17	
2.5	7216	17.5	
3	6616	18	
3.5	7640	18.5	
4	8367	19	
4.5	8401	19.5	
5	8235	20	
5.5	8504	20.5	
6	8256	21	
6.5	8269	21.5	
7	8036	22	
7.5	5833	22.5	
8	3924	23	
8.5	3781	23.5	
9	4656	24	
9.5	4368	24.5	
10	3891	25	
10.5	3809	25.5	
11	3459	26	
11.5	2835	26.5	
12	2529	27	
12.5	2475	27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/31/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 18,000

Serial No.: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,804 counts per 30 Sec.

Boring No.: F.7 – 26.5

(Max Depth 14 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	5221	15.5	
1	7153	16	
1.5	7144	16.5	
2	7781	17	
2.5	7785	17.5	
3	7172	18	
3.5	7001	18.5	
4	8078	19	
4.5	8173	19.5	
5	8269	20	
5.5	8498	20.5	
6	7937	21	
6.5	6219	21.5	
7	4876	22	
7.5	5142	22.5	
8	3947	23	
8.5	3128	23.5	
9	3503	24	
9.5	3006	24.5	
10	2707	25	
10.5	2677	25.5	
11	2371	26	
11.5	2114	26.5	
12	2115	27	
12.5	2347	27.5	
13	2142	28	
13.5	2274	28.5	
14	2317	29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/25/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 18,070

Serial No: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,804 counts per 30 Sec.

Boring No.: F.7 – 27

(Max Depth 12 ft)

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	5305	15.5	
1	6873	16	
1.5	7512	16.5	
2	7782	17	
2.5	7636	17.5	
3	7794	18	
3.5	8004	18.5	
4	7102	19	
4.5	7086	19.5	
5	7443	20	
5.5	7874	20.5	
6	7146	21	
6.5	4425	21.5	
7	3525	22	
7.5	3244	22.5	
8	2344	23	
8.5	2482	23.5	
9	2391	24	
9.5	2246	24.5	
10	2556	25	
10.5	2226	25.5	
11	2507	26	
11.5	2517	26.5	
12	2342	27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

**GMO Site
Down Hole Field Log
Project No. 25585XG**

Date: 11/1/01

Technician: Joel Ahrweiler

Instrument Model No.: Ludlum 2221

Operational Check: 18,080

Serial No.: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 Sec.

Boring No.: F.8 – 26.2

(Max Depth 8 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3678	15.5	
1	6321	16	
1.5	8023	16.5	
2	8666	17	
2.5	8377	17.5	
3	7524	18	
3.5	7627	18.5	
4	8041	19	
4.5	8302	19.5	
5	8472	20	
5.5	8930	20.5	
6	8948	21	
6.5	8278	21.5	
7	5851	22	
7.5	3482	22.5	
8	2729	23	
8.5		23.5	
9		24	
9.5		24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/29/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 17,900

Serial No: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,804 counts per 30 Sec.

Boring No.: G – 26.8

(Max Depth 12.5 ft)

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	5822	15.5	
1	6952	16	
1.5	7626	16.5	
2	7742	17	
2.5	7992	17.5	
3	7643	18	
3.5	7928	18.5	
4	8121	19	
4.5	8212	19.5	
5	8591	20	
5.5	8256	20.5	
6	5496	21	
6.5	5215	21.5	
7	4959	22	
7.5	3902	22.5	
8	3532	23	
8.5	3218	23.5	
9	3244	24	
9.5	3001	24.5	
10	2839	25	
10.5	2912	25.5	
11	2625	26	
11.5	2419	26.5	
12	2263	27	
12.5	2216	27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

**GMO Site
Down Hole Field Log
Project No. 25585XG**

Date: 11/2/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 18,000

Serial No.: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,804 counts per 30 Sec.

**Boring No.: G.3 - 26
(Max Depth 11.5 ft)**

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3300	15.5	
1	5842	16	
1.5	6623	16.5	
2	7253	17	
2.5	7820	17.5	
3	6568	18	
3.5	7649	18.5	
4	8439	19	
4.5	8670	19.5	
5	8752	20	
5.5	8587	20.5	
6	8455	21	
6.5	8378	21.5	
7	8102	22	
7.5	5775	22.5	
8	5586	23	
8.5	5773	23.5	
9	4559	24	
9.5	3315	24.5	
10	3378	25	
10.5	3918	25.5	
11	3346	26	
11.5	2612	26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

**GMO Site
Down Hole Field Log
Project No. 25585XG**

Date: 10/30/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 17,950

Serial No: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,804 counts per 30 Sec.

**Boring No.: G.3 – 26.5
(Max Depth 13.5 ft)**

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	4308	15.5	
1	6975	16	
1.5	7262	16.5	
2	7423	17	
2.5	7830	17.5	
3	7778	18	
3.5	7618	18.5	
4	8043	19	
4.5	8163	19.5	
5	8364	20	
5.5	7820	20.5	
6	8253	21	
6.5	7576	21.5	
7	5227	22	
7.5	5058	22.5	
8	3888	23	
8.5	3283	23.5	
9	3179	24	
9.5	3622	24.5	
10	3884	25	
10.5	3270	25.5	
11	2868	26	
11.5	2815	26.5	
12	2448	27	
12.5	2470	27.5	
13	2278	28	
13.5	2200	28.5	
14		29	
14.5		29.5	
15		30	

**GMO Site
Down Hole Field Log
Project No. 25585XG**

Date: 10/25/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 18,070

Serial No: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,804 counts per 30 Sec.

Boring No.: G.3 – 27

(Max Depth 12 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3091	15.5	
1	5444	16	
1.5	7691	16.5	
2	8217	17	
2.5	8180	17.5	
3	7033	18	
3.5	6651	18.5	
4	6206	19	
4.5	6074	19.5	
5	7343	20	
5.5	8337	20.5	
6	8401	21	
6.5	7867	21.5	
7	5299	22	
7.5	5385	22.5	
8	5795	23	
8.5	3878	23.5	
9	3474	24	
9.5	3217	24.5	
10	3091	25	
10.5	3361	25.5	
11	3046	26	
11.5	3612	26.5	
12	3919	27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

**GMO Site
Down Hole Field Log
Project No. 25585XG**

Date: 11/1/01

Technician: Joel Ahrweiler

Instrument Model No.: Ludlum 2221

Operational Check: 18,080

Serial No: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 Sec.

**Boring No.: G.5 – 26.2
(Max Depth 11.5 ft)**

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	3570	15.5	
1	6316	16	
1.5	7374	16.5	
2	8202	17	
2.5	7938	17.5	
3	7581	18	
3.5	6986	18.5	
4	6260	19	
4.5	7525	19.5	
5	7887	20	
5.5	8214	20.5	
6	8043	21	
6.5	6934	21.5	
7	5547	22	
7.5	4788	22.5	
8	5520	23	
8.5	3904	23.5	
9	3339	24	
9.5	3280	24.5	
10	3152	25	
10.5	3102	25.5	
11	3131	26	
11.5	2932	26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/29/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 17,900

Serial No.: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,804 counts per 30 Sec.

Boring No.: G.6 – 28.6
(Max Depth 12.5 ft)

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	4303	15.5	
1	6687	16	
1.5	6143	16.5	
2	6230	17	
2.5	6264	17.5	
3	6108	18	
3.5	5882	18.5	
4	5763	19	
4.5	6190	19.5	
5	7141	20	
5.5	7271	20.5	
6	8413	21	
6.5	7413	21.5	
7	5129	22	
7.5	6153	22.5	
8	5494	23	
8.5	4231	23.5	
9	3019	24	
9.5	3561	24.5	
10	3667	25	
10.5	3478	25.5	
11	3624	26	
11.5	4226	26.5	
12	3113	27	
12.5	2645	27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

**GMO Site
Down Hole Field Log
Project No. 25585XG**

Date: 11/2/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 18,000

Serial No: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,804 counts per 30 Sec.

Boring No.: G.8 - 26

(Max Depth 14 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2893	15.5	
1	5888	16	
1.5	7260	16.5	
2	7602	17	
2.5	6789	17.5	
3	7307	18	
3.5	7840	18.5	
4	8280	19	
4.5	8484	19.5	
5	8757	20	
5.5	9452	20.5	
6	9030	21	
6.5	9054	21.5	
7	8568	22	
7.5	6251	22.5	
8	6915	23	
8.5	5603	23.5	
9	4065	24	
9.5	3380	24.5	
10	3290	25	
10.5	3604	25.5	
11	3763	26	
11.5	3445	26.5	
12	2799	27	
12.5	2573	27.5	
13	2602	28	
13.5	2974	28.5	
14	3200	29	
14.5		29.5	
15		30	

**GMO Site
Down Hole Field Log
Project No. 25585XG**

Date: 10/30/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 17,950

Serial No: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,804 counts per 30 Sec.

**Boring No.: G.8 – 26.5
(Max Depth 13 ft)**

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	4932	15.5	
1	6904	16	
1.5	7434	16.5	
2	7413	17	
2.5	7773	17.5	
3	7970	18	
3.5	7864	18.5	
4	7653	19	
4.5	8104	19.5	
5	8133	20	
5.5	8455	20.5	
6	7561	21	
6.5	8010	21.5	
7	5871	22	
7.5	5972	22.5	
8	6004	23	
8.5	4482	23.5	
9	4272	24	
9.5	3614	24.5	
10	3741	25	
10.5	4115	25.5	
11	3942	26	
11.5	3718	26.5	
12	3611	27	
12.5	3863	27.5	
13	3114	28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/25/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 18,070

Serial No: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,804 counts per 30 Sec.

Boring No.: G.8 – 27
(Max Depth 14.5 ft)

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	2519	15.5	
1	4316	16	
1.5	6071	16.5	
2	6251	17	
2.5	7280	17.5	
3	7532	18	
3.5	6917	18.5	
4	6609	19	
4.5	6918	19.5	
5	6813	20	
5.5	7041	20.5	
6	7516	21	
6.5	6841	21.5	
7	6174	22	
7.5	5210	22.5	
8	5146	23	
8.5	5003	23.5	
9	3612	24	
9.5	3516	24.5	
10	3486	25	
10.5	3469	25.5	
11	3234	26	
11.5	3001	26.5	
12	3156	27	
12.5	2662	27.5	
13	2591	28	
13.5	2178	28.5	
14	2329	29	
14.5	2511	29.5	
15		30	

**GMO Site
Down Hole Field Log
Project No. 25585XG**

Date: 11/1/01

Technician: Joel Ahrweiler

Instrument Model No.: Ludlum 2221

Operational Check: 18,080

Serial No.: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =
18,059 counts per 30 Sec.

* Shielded (2")

Boring No.: H.1 – 26.2

(Max Depth 11.4 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3129	15.5	
1	5573	16	
1.5	6745	16.5	
2	7245	17	
2.5	8026	17.5	
3	8617	18	
3.5	8441	18.5	
4	8214	19	
4.5	8316	19.5	
5	8013	20	
5.5	7395	20.5	
6	7301	21	
6.5	7227	21.5	
7	6671	22	
7.5	5453	22.5	
8	4739	23	
8.5	4326	23.5	
9	3276	24	
9.5	2985	24.5	
10	2935	25	
10.5	2959	25.5	
11	3076	26	
11.4	2928	26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/29/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 17,900

Serial No: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,804 counts per 30 Sec.

Boring No.: H.2 – 26.8

(Max Depth 13 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2855	15.5	
1	4499	16	
1.5	6519	16.5	
2	7583	17	
2.5	7218	17.5	
3	7190	18	
3.5	8619	18.5	
4	8995	19	
4.5	8454	19.5	
5	8262	20	
5.5	7277	20.5	
6	7042	21	
6.5	7458	21.5	
7	7741	22	
7.5	5092	22.5	
8	4128	23	
8.5	4601	23.5	
9	3604	24	
9.5	3020	24.5	
10	3146	25	
10.5	3173	25.5	
11	4068	26	
11.5	3604	26.5	
12	3157	27	
12.5	3019	27.5	
13	2921	28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

**GMO Site
Down Hole Field Log
Project No. 25585XG**

Date: 11/1/01

Technician: Joel Ahrweiler

Instrument Model No.: Ludlum 2221

Operational Check: 18,080

Serial No.: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 Sec.

**Boring No.: H.3 – 25.8
(Max Depth 6.10 ft)**

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3451	15.5	
1	5951	16	
1.5	6022	16.5	
2	5757	17	
2.5	6068	17.5	
3	6231	18	
3.5	6403	18.5	
4	6914	19	
4.5	7498	19.5	
5	8390	20	
5.5	8229	20.5	
6	8212	21	
6.5	7756	21.5	
6.10	5453	22	
7.5		22.5	
8		23	
8.5		23.5	
9		24	
9.5		24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/26/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 18,100

Serial No: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

18,804 counts per 30 Sec.

* Shielded (2")

Boring No.: H.3 – 27

(Max Depth 11 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2915	15.5	
1	4937	16	
1.5	7272	16.5	
2	8279	17	
2.5	8371	17.5	
3	8204	18	
3.5	8289	18.5	
4	8322	19	
4.5	7368	19.5	
5	6542	20	
5.5	6018	20.5	
6	6146	21	
6.5	7119	21.5	
7	7107	22	
7.5	6206	22.5	
8	4565	23	
8.5	4335	23.5	
9	4017	24	
9.5	3521	24.5	
10	3164	25	
10.5	3218	25.5	
11	3091	26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

**GMO Site
Down Hole Field Log
Project No. 25585XG**

Date: 10/30/01

Technician: Brett Barton

Instrument Model No.: Ludium 2221

Operational Check: 17,950

Serial No.: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,804 counts per 30 Sec.

**Boring No.: H.4 – 26.5
(Max Depth 12 ft)**

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	4581	15.5	
1	6720	16	
1.5	8034	16.5	
2	8449	17	
2.5	7586	17.5	
3	7409	18	
3.5	7438	18.5	
4	7413	19	
4.5	6439	19.5	
5	5199	20	
5.5	5137	20.5	
6	4503	21	
6.5	4026	21.5	
7	4316	22	
7.5	3014	22.5	
8	4017	23	
8.5	3934	23.5	
9	4198	24	
9.5	4371	24.5	
10	4345	25	
10.5	4216	25.5	
11	3671	26	
11.5	3231	26.5	
12	3147	27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/31/01

Technician: Joel Ahrweiler

Instrument Model No.: Ludlum 2221

Operational Check: 18,292

Serial No: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 Sec.

Boring No.: H.7 – 26.2
(Max Depth 6.2 ft)

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	3536	15.5	
1	5771	16	
1.5	6538	16.5	
2	7822	17	
2.5	7944	17.5	
3	6618	18	
3.5	5997	18.5	
4	6244	19	
4.5	8014	19.5	
5	7933	20	
5.5	8257	20.5	
6	8330	21	
6.2	7801	21.5	
7		22	
7.5		22.5	
8		23	
8.5		23.5	
9		24	
9.5		24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/29/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 17,900

Serial No.: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,804 counts per 30 Sec.

Boring No.: H.7 – 26.8
(Max Depth 13.5 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3706	15.5	
1	6302	16	
1.5	6150	16.5	
2	6658	17	
2.5	6913	17.5	
3	7568	18	
3.5	7209	18.5	
4	7375	19	
4.5	7981	19.5	
5	8494	20	
5.5	8546	20.5	
6	8534	21	
6.5	6925	21.5	
7	4915	22	
7.5	4171	22.5	
8	4178	23	
8.5	3794	23.5	
9	3800	24	
9.5	3610	24.5	
10	3307	25	
10.5	3508	25.5	
11	3011	26	
11.5	3225	26.5	
12	3391	27	
12.5	3080	27.5	
13	3046	28	
13.5	2754	28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 11/1/01

Technician: Joel Ahrweiler

Instrument Model No.: Ludlum 2221

Operational Check: 18,080

Serial No: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 Sec.

Boring No.: H.9 – 25.8

(Max Depth 8 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3185	15.5	
1	5157	16	
1.5	5372	16.5	
2	6173	17	
2.5	8011	17.5	
3	8660	18	
3.5	8918	18.5	
4	9120	19	
4.5	9377	19.5	
5	9182	20	
5.5	8748	20.5	
6	7964	21	
6.5	7303	21.5	
7	7022	22	
7.5	4815	22.5	
8	4111	23	
8.5		23.5	
9		24	
9.5		24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

**GMO Site
Down Hole Field Log
Project No. 25585XG**

Date: 10/30/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 17,950

Serial No: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,804 counts per 30 Sec.

Boring No.: H.9 – 26.5

(Max Depth 12.5 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3619	15.5	
1	6821	16	
1.5	7800	16.5	
2	6599	17	
2.5	6502	17.5	
3	6080	18	
3.5	5427	18.5	
4	5126	19	
4.5	5674	19.5	
5	6804	20	
5.5	7169	20.5	
6	6581	21	
6.5	4828	21.5	
7	3757	22	
7.5	4040	22.5	
8	3732	23	
8.5	3626	23.5	
9	3801	24	
9.5	3557	24.5	
10	2838	25	
10.5	2971	25.5	
11	3107	26	
11.5	3332	26.5	
12	3404	27	
12.5	2605	27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/26/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 18,100

Serial No: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,804 counts per 30 Sec.

Boring No.: H.9 – 27

(Max Depth 11.5 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	4779	15.5	
1	7390	16	
1.5	7230	16.5	
2	6811	17	
2.5	7199	17.5	
3	7640	18	
3.5	7561	18.5	
4	7581	19	
4.5	7434	19.5	
5	7779	20	
5.5	7935	20.5	
6	7574	21	
6.5	5519	21.5	
7	3760	22	
7.5	3795	22.5	
8	3672	23	
8.5	3612	23.5	
9	3666	24	
9.5	3502	24.5	
10	4012	25	
10.5	4225	25.5	
11	3920	26	
11.5	3712	26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

**GMO Site
Down Hole Field Log
Project No. 25585XG**

Date: 10/31/01

Technician: Joel Ahrweiler

Instrument Model No.: Ludlum 2221

Operational Check: 18,292

Serial No.: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 Sec.

**Boring No.: I.2 – 26.2
(Max Depth 11.5 ft)**

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2897	15.5	
1	5488	16	
1.5	7302	16.5	
2	8218	17	
2.5	8767	17.5	
3	8929	18	
3.5	9088	18.5	
4	7690	19	
4.5	7701	19.5	
5	8043	20	
5.5	8741	20.5	
6	8900	21	
6.5	8095	21.5	
7	5903	22	
7.5	4912	22.5	
8	3938	23	
8.5	3466	23.5	
9	3371	24	
9.5	3459	24.5	
10	3664	25	
10.5	3924	25.5	
11	3973	26	
11.5	3402	26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 11/1/01

Technician: Joel Ahrweiler

Instrument Model No.: Ludlum 2221

Operational Check: 18,080

Serial No: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 Sec.

Boring No.: I.3 – 25.8

(Max Depth 11 ft)

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	3877	15.5	
1	6601	16	
1.5	7614	16.5	
2	7763	17	
2.5	8328	17.5	
3	8563	18	
3.5	8539	18.5	
4	8708	19	
4.5	8617	19.5	
5	8608	20	
5.5	8521	20.5	
6	8185	21	
6.5	7593	21.5	
7	6993	22	
7.5	4702	22.5	
8	4408	23	
8.5	3594	23.5	
9	3230	24	
9.5	3099	24.5	
10	3095	25	
10.5	3161	25.5	
11	2801	26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

**GMO Site
Down Hole Field Log
Project No. 25585XG**

Date: 10/29/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 17,900

Serial No.: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,804 counts per 30 Sec.

**Boring No.: I.3 – 26.8
(Max Depth 13 ft)**

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2844	15.5	
1	5623	16	
1.5	8014	16.5	
2	8758	17	
2.5	8867	17.5	
3	8012	18	
3.5	6380	18.5	
4	5993	19	
4.5	7427	19.5	
5	8170	20	
5.5	8079	20.5	
6	7910	21	
6.5	6969	21.5	
7	4898	22	
7.5	4403	22.5	
8	4218	23	
8.5	4072	23.5	
9	3688	24	
9.5	3449	24.5	
10	3260	25	
10.5	3642	25.5	
11	4060	26	
11.5	3918	26.5	
12	3728	27	
12.5	3640	27.5	
13	3526	28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/30/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 17,950

Serial No: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,804 counts per 30 Sec.

Boring No.: 1.5 – 26.5

(Max Depth 12.5 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	4347	15.5	
1	5852	16	
1.5	7154	16.5	
2	8274	17	
2.5	9070	17.5	
3	9325	18	
3.5	8900	18.5	
4	8089	19	
4.5	8385	19.5	
5	8378	20	
5.5	8228	20.5	
6	8207	21	
6.5	7352	21.5	
7	5301	22	
7.5	4778	22.5	
8	4217	23	
8.5	4225	23.5	
9	4062	24	
9.5	4041	24.5	
10	3967	25	
10.5	4481	25.5	
11	4070	26	
11.5	3819	26.5	
12	3687	27	
12.5	3567	27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

**GMO Site
Down Hole Field Log
Project No. 25585XG**

Date: 10/26/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 18,100

Serial No.: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,804 counts per 30 Sec.

**Boring No.: I.5 – 27
(Max Depth 14 ft)**

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3089	15.5	
1	5309	16	
1.5	8171	16.5	
2	8344	17	
2.5	8473	17.5	
3	8636	18	
3.5	8054	18.5	
4	4578	19	
4.5	7491	19.5	
5	6813	20	
5.5	6183	20.5	
6	5124	21	
6.5	3373	21.5	
7	2948	22	
7.5	2996	22.5	
8	2739	23	
8.5	2594	23.5	
9	2473	24	
9.5	2423	24.5	
10	2433	25	
10.5	2392	25.5	
11	2284	26	
11.5	2407	26.5	
12	2351	27	
12.5	2339	27.5	
13	2193	28	
13.5	2255	28.5	
14	2321	29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/29/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 17,900

Serial No: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

18,804 counts per 30 Sec.

* Shielded (2")

Boring No.: 1.7 – 26.8

(Max Depth 11.5 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	5225	15.5	
1	7249	16	
1.5	8626	16.5	
2	8790	17	
2.5	8576	17.5	
3	8124	18	
3.5	8636	18.5	
4	8831	19	
4.5	8384	19.5	
5	8850	20	
5.5	8889	20.5	
6	8433	21	
6.5	5747	21.5	
7	4258	22	
7.5	4210	22.5	
8	3888	23	
8.5	3601	23.5	
9	2955	24	
9.5	3020	24.5	
10	3934	25	
10.5	4432	25.5	
11	4313	26	
11.5	4135	26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

**GMO Site
Down Hole Field Log
Project No. 25585XG**

Date: 10/31/01

Technician: Joel Ahrweiler

Instrument Model No.: Ludlum 2221

Operational Check: 18,292

Serial No.: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 Sec.

**Boring No.: I.8 – 26.2
(Max Depth 11.5 ft)**

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	4137	15.5	
1	5233	16	
1.5	5707	16.5	
2	7711	17	
2.5	8686	17.5	
3	8899	18	
3.5	8638	18.5	
4	8406	19	
4.5	8194	19.5	
5	8348	20	
5.5	8507	20.5	
6	8069	21	
6.5	6796	21.5	
7	4834	22	
7.5	4647	22.5	
8	4047	23	
8.5	3659	23.5	
9	3740	24	
9.5	3585	24.5	
10	3731	25	
10.5	3566	25.5	
11	3679	26	
11.5	3614	26.5	
12	3624	27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

**GMO Site
Down Hole Field Log
Project No. 25585XG**

Date: 11/1/01

Technician: Joel Ahrweiler

Instrument Model No.: Ludlum 2221

Operational Check: 18,080

Serial No: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 Sec.

Boring No.: J.1 – 25.9

(Max Depth 11.5 ft)

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	3334	15.5	
1	5695	16	
1.5	7086	16.5	
2	7097	17	
2.5	8201	17.5	
3	8267	18	
3.5	8050	18.5	
4	8175	19	
4.5	8391	19.5	
5	8458	20	
5.5	8151	20.5	
6	7581	21	
6.5	6782	21.5	
7	6320	22	
7.5	5310	22.5	
8	4607	23	
8.5	3523	23.5	
9	3319	24	
9.5	3458	24.5	
10	3267	25	
10.5	3246	25.5	
11	3226	26	
11.5	3679	26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/30/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 17,950

Serial No: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,804 counts per 30 Sec.

Boring No.: J.1 – 26.5

(Max Depth 12.5 ft)

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	3123	15.5	
1	5656	16	
1.5	7222	16.5	
2	8025	17	
2.5	8265	17.5	
3	8861	18	
3.5	8990	18.5	
4	8979	19	
4.5	8549	19.5	
5	8473	20	
5.5	9017	20.5	
6	8431	21	
6.5	8246	21.5	
7	6184	22	
7.5	4607	22.5	
8	4142	23	
8.5	4533	23.5	
9	4136	24	
9.5	4015	24.5	
10	3341	25	
10.5	3679	25.5	
11	4142	26	
11.5	3714	26.5	
12	4234	27	
12.5	4315	27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

**GMO Site
Down Hole Field Log
Project No. 25585XG**

Date: 10/26/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 18,100

Serial No.: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

18,804 counts per 30 Sec.

* Shielded (2")

Boring No.: J.1 - 27

(Max Depth 16.5 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	4938	15.5	2151
1	6612	16	2216
1.5	7163	16.5	2152
2	7489	17	
2.5	8141	17.5	
3	8007	18	
3.5	9114	18.5	
4	9006	19	
4.5	9286	19.5	
5	8372	20	
5.5	7914	20.5	
6	4987	21	
6.5	4503	21.5	
7	4257	22	
7.5	3513	22.5	
8	4007	23	
8.5	4481	23.5	
9	4104	24	
9.5	3603	24.5	
10	4021	25	
10.5	3216	25.5	
11	3743	26	
11.5	3241	26.5	
12	3061	27	
12.5	3443	27.5	
13	3217	28	
13.5	3024	28.5	
14	2527	29	
14.5	2217	29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/31/01

Technician: Joel Ahrweiler

Instrument Model No.: Ludlum 2221

Operational Check: 18,292

Serial No: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

18,059 counts per 30 Sec.

* Shielded (2")

Boring No.: J.2 – 26.2

(Max Depth 11.4 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3969	15.5	
1	6687	16	
1.5	7162	16.5	
2	7772	17	
2.5	8869	17.5	
3	8839	18	
3.5	8921	18.5	
4	8969	19	
4.5	8786	19.5	
5	8776	20	
5.5	8866	20.5	
6	8461	21	
6.5	7013	21.5	
7	5082	22	
7.5	4665	22.5	
8	4146	23	
8.5	3844	23.5	
9	3757	24	
9.5	3685	24.5	
10	3887	25	
10.5	3632	25.5	
11	3863	26	
11.4	3851	26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/29/01

Technician: Toby Shewan

Instrument Model No.: Ludlum 2221

Operational Check: 18,400

Serial No: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

18,059 counts per 30 Sec.

* Shielded (2")

Boring No.: J.3 – 26.8

(Max Depth 13 ft)

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	2756	15.5	
1	4376	16	
1.5	6543	16.5	
2	7983	17	
2.5	8069	17.5	
3	8574	18	
3.5	8428	18.5	
4	8862	19	
4.5	9235	19.5	
5	9275	20	
5.5	9253	20.5	
6	8926	21	
6.5	8317	21.5	
7	5753	22	
7.5	4370	22.5	
8	4772	23	
8.5	4268	23.5	
9	4027	24	
9.5	3644	24.5	
10	3019	25	
10.5	3390	25.5	
11	4104	26	
11.5	4627	26.5	
12	4488	27	
12.5	4181	27.5	
13	4198	28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 11/1/01

Technician: Joel Ahrweiler

Instrument Model No.: Ludlum 2221

Operational Check: 18,080

Serial No.: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 Sec.

Boring No.: J.6 – 25.8

(Max Depth 12 ft)

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	2899	15.5	
1	4965	16	
1.5	7472	16.5	
2	7930	17	
2.5	8236	17.5	
3	8251	18	
3.5	8331	18.5	
4	8021	19	
4.5	8245	19.5	
5	8492	20	
5.5	8284	20.5	
6	8142	21	
6.5	7434	21.5	
7	6596	22	
7.5	4933	22.5	
8	4185	23	
8.5	3587	23.5	
9	3468	24	
9.5	3547	24.5	
10	3187	25	
10.5	3319	25.5	
11	3255	26	
11.5	3105	26.5	
12	3276	27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/26/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 18,100

Serial No: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

18,804 counts per 30 Sec.

* Shielded (2")

Boring No.: J.6 – 27

(Max Depth 10.5 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2313	15.5	
1	3475	16	
1.5	6175	16.5	
2	7377	17	
2.5	7772	17.5	
3	7614	18	
3.5	8458	18.5	
4	8496	19	
4.5	8476	19.5	
5	8661	20	
5.5	8468	20.5	
6	8064	21	
6.5	7433	21.5	
7	5854	22	
7.5	4136	22.5	
8	3963	23	
8.5	4038	23.5	
9	4542	24	
9.5	4481	24.5	
10	4186	25	
10.5	4079	25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/31/01

Technician: Joel Ahrweiler

Instrument Model No.: Ludlum 2221

Operational Check: 18,292

Serial No: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 Sec.

Boring No.: J.8 – 26.2

(Max Depth 12.5 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3234	15.5	
1	4620	16	
1.5	6390	16.5	
2	7014	17	
2.5	7411	17.5	
3	8582	18	
3.5	8469	18.5	
4	7041	19	
4.5	7715	19.5	
5	8382	20	
5.5	8346	20.5	
6	7538	21	
6.5	7255	21.5	
7	6415	22	
7.5	4853	22.5	
8	4576	23	
8.5	3896	23.5	
9	3515	24	
9.5	3340	24.5	
10	3471	25	
10.5	3625	25.5	
11	3638	26	
11.5	3639	26.5	
12	3968	27	
12.5	4034	27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/29/01

Technician: Toby Shewan

Instrument Model No.: Ludlum 2221

Operational Check: 18,400

Serial No: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 Sec.

Boring No.: J.9 – 26.8

(Max Depth 12.5 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2297	15.5	
1	3411	16	
1.5	3702	16.5	
2	4759	17	
2.5	5557	17.5	
3	6092	18	
3.5	8179	18.5	
4	8134	19	
4.5	8623	19.5	
5	8415	20	
5.5	8147	20.5	
6	7849	21	
6.5	7272	21.5	
7	5804	22	
7.5	3923	22.5	
8	4147	23	
8.5	3611	23.5	
9	3203	24	
9.5	2568	24.5	
10	2667	25	
10.5	3289	25.5	
11	3524	26	
11.5	3786	26.5	
12	3754	27	
12.5	3692	27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 11/1/01

Technician: Joel Ahrweiler

Instrument Model No.: Ludlum 2221

Operational Check: 18,080

Serial No: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

18,059 counts per 30 Sec.

* Shielded (2")

Boring No.: K.1 – 25.9

(Max Depth 8.4 ft)

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	2805	15.5	
1	3415	16	
1.5	4898	16.5	
2	6717	17	
2.5	7922	17.5	
3	8183	18	
3.5	8492	18.5	
4	8484	19	
4.5	8164	19.5	
5	7383	20	
5.5	8089	20.5	
6	7619	21	
6.5	6897	21.5	
7	4544	22	
7.5	3510	22.5	
8	2826	23	
8.4	2682	23.5	
9		24	
9.5		24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

**GMO Site
Down Hole Field Log
Project No. 25585XG**

Date: 10/29/01

Technician: Toby Shewan

Instrument Model No.: Ludlum 2221

Operational Check: 18,400

Serial No.: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 Sec.

**Boring No.: K.2 – 26.5
(Max Depth 13 ft)**

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	2587	15.5	
1	3111	16	
1.5	3906	16.5	
2	5127	17	
2.5	5149	17.5	
3	7480	18	
3.5	7281	18.5	
4	8236	19	
4.5	8509	19.5	
5	8919	20	
5.5	8416	20.5	
6	8341	21	
6.5	8554	21.5	
7	7926	22	
7.5	5250	22.5	
8	4309	23	
8.5	3473	23.5	
9	3376	24	
9.5	3776	24.5	
10	3829	25	
10.5	4125	25.5	
11	3986	26	
11.5	4106	26.5	
12	4594	27	
12.5	4724	27.5	
13	3994	28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/26/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 18,100

Serial No: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,804 counts per 30 Sec.

Boring No.: K.2 – 27

(Max Depth 15.5 ft)

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	2419	15.5	2624
1	3843	16	
1.5	6341	16.5	
2	7761	17	
2.5	8123	17.5	
3	8022	18	
3.5	7614	18.5	
4	7033	19	
4.5	7662	19.5	
5	8137	20	
5.5	8214	20.5	
6	8444	21	
6.5	7142	21.5	
7	4510	22	
7.5	4127	22.5	
8	3103	23	
8.5	2674	23.5	
9	2531	24	
9.5	2447	24.5	
10	2423	25	
10.5	2678	25.5	
11	2662	26	
11.5	2424	26.5	
12	2526	27	
12.5	2601	27.5	
13	2425	28	
13.5	2538	28.5	
14	2345	29	
14.5	2356	29.5	
15	2572	30	

**GMO Site
Down Hole Field Log
Project No. 25585XG**

Date: 10/31/01

Technician: Joel Ahrweiler

Instrument Model No.: Ludlum 2221

Operational Check: 18,292

Serial No: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 Sec.

Boring No.: K.4 - 26.2

(Max Depth 11.5 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2583	15.5	
1	3549	16	
1.5	4871	16.5	
2	6840	17	
2.5	7677	17.5	
3	7683	18	
3.5	7970	18.5	
4	7866	19	
4.5	7711	19.5	
5	7203	20	
5.5	7684	20.5	
6	8300	21	
6.5	7961	21.5	
7	6757	22	
7.5	4766	22.5	
8	4850	23	
8.5	4251	23.5	
9	4011	24	
9.5	3852	24.5	
10	4141	25	
10.5	4392	25.5	
11	4150	26	
11.5	4204	26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

**GMO Site
Down Hole Field Log
Project No. 25585XG**

Date: 10/30/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 17,950

Serial No: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,804 counts per 30 Sec.

Boring No.: K.6 – 26.5

(Max Depth 12 ft)

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	3382	15.5	
1	5903	16	
1.5	5553	16.5	
2	5096	17	
2.5	6737	17.5	
3	8160	18	
3.5	8777	18.5	
4	8580	19	
4.5	8150	19.5	
5	8240	20	
5.5	7653	20.5	
6	7467	21	
6.5	4242	21.5	
7	6476	22	
7.5	4526	22.5	
8	4418	23	
8.5	4094	23.5	
9	4079	24	
9.5	4189	24.5	
10	4271	25	
10.5	4246	25.5	
11	4168	26	
11.5	4687	26.5	
12	4272	27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

**GMO Site
Down Hole Field Log
Project No. 25585XG**

Date: 11/1/01

Technician: Joel Ahrweiler

Instrument Model No.: Ludlum 2221

Operational Check: 18,080

Serial No: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =
18,059 counts per 30 Sec.

* Shielded (2")

Boring No.: K.7 – 25.9

(Max Depth 11.11 ft)

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	3054	15.5	
1	4849	16	
1.5	9372	16.5	
2	9496	17	
2.5	7943	17.5	
3	7925	18	
3.5	7740	18.5	
4	8337	19	
4.5	9108	19.5	
5	9221	20	
5.5	9885	20.5	
6	10001	21	
6.5	8848	21.5	
7	6230	22	
7.5	4671	22.5	
8	4194	23	
8.5	3966	23.5	
9	4018	24	
9.5	3773	24.5	
10	3634	25	
10.5	3825	25.5	
11	4062	26	
11.5	4169	26.5	
11.11	4872	27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/30/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 17,950

Serial No: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

18,804 counts per 30 Sec.

* Shielded (2")

Boring No.: K.4 – 26.8

(Max Depth 13.5 ft)

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	2322	15.5	
1	3148	16	
1.5	3931	16.5	
2	5291	17	
2.5	5532	17.5	
3	7627	18	
3.5	8671	18.5	
4	8704	19	
4.5	8603	19.5	
5	8674	20	
5.5	8638	20.5	
6	7875	21	
6.5	6195	21.5	
7	5136	22	
7.5	3962	22.5	
8	4169	23	
8.5	3469	23.5	
9	3571	24	
9.5	3042	24.5	
10	3206	25	
10.5	3989	25.5	
11	4013	26	
11.5	5041	26.5	
12	5007	27	
12.5	5362	27.5	
13	4761	28	
13.5	4207	28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/30/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 17,950

Serial No: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,804 counts per 30 Sec.

Boring No.: K.7 – 26.5
(Max Depth 12.5 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3622	15.5	
1	5554	16	
1.5	7323	16.5	
2	7673	17	
2.5	7751	17.5	
3	7951	18	
3.5	7925	18.5	
4	8774	19	
4.5	8776	19.5	
5	8456	20	
5.5	7792	20.5	
6	7335	21	
6.5	6098	21.5	
7	4734	22	
7.5	4687	22.5	
8	4347	23	
8.5	4823	23.5	
9	5495	24	
9.5	5301	24.5	
10	4614	25	
10.5	4862	25.5	
11	4932	26	
11.5	5068	26.5	
12	5414	27	
12.5	4986	27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

**GMO Site
Down Hole Field Log
Project No. 25585XG**

Date: 10/26/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 18,100

Serial No: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

18,804 counts per 30 Sec.

* Shielded (2")

Boring No.: K.7 – 27

(Max Depth 14 ft)

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	2285	15.5	
1	4686	16	
1.5	6985	16.5	
2	7924	17	
2.5	8243	17.5	
3	8393	18	
3.5	7993	18.5	
4	7356	19	
4.5	8028	19.5	
5	8946	20	
5.5	8872	20.5	
6	8399	21	
6.5	7379	21.5	
7	5524	22	
7.5	4694	22.5	
8	5246	23	
8.5	5352	23.5	
9	5146	24	
9.5	5137	24.5	
10	4410	25	
10.5	4067	25.5	
11	4547	26	
11.5	5256	26.5	
12	6091	27	
12.5	5873	27.5	
13	6241	28	
13.5	5714	28.5	
14	5014	29	
14.5		29.5	
15		30	

**GMO Site
Down Hole Field Log
Project No. 25585XG**

Date: 10/31/01

Technician: Joel Ahrweiler

Instrument Model No.: Ludlum 2221

Operational Check: 18,292

Serial No: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 Sec.

**Boring No.: K.9 – 26.2
(Max Depth 12.5 ft)**

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	3398	15.5	
1	5145	16	
1.5	7795	16.5	
2	8179	17	
2.5	8334	17.5	
3	8694	18	
3.5	8637	18.5	
4	8326	19	
4.5	8091	19.5	
5	8276	20	
5.5	8570	20.5	
6	8282	21	
6.5	7693	21.5	
7	5493	22	
7.5	4895	22.5	
8	4172	23	
8.5	4729	23.5	
9	5192	24	
9.5	5267	24.5	
10	5015	25	
10.5	4863	25.5	
11	4938	26	
11.5	5306	26.5	
12	5239	27	
12.5	5475	27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/30/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 17,950

Serial No: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,804 counts per 30 Sec.

Boring No.: L - 26.8

(Max Depth 13 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3743	15.5	
1	5495	16	
1.5	5879	16.5	
2	5636	17	
2.5	8217	17.5	
3	8917	18	
3.5	8958	18.5	
4	8617	19	
4.5	7014	19.5	
5	7142	20	
5.5	7456	20.5	
6	7007	21	
6.5	6214	21.5	
7	5142	22	
7.5	5246	22.5	
8	5117	23	
8.5	4992	23.5	
9	3641	24	
9.5	3127	24.5	
10	4162	25	
10.5	4217	25.5	
11	4933	26	
11.5	5271	26.5	
12	5214	27	
12.5	6001	27.5	
13	6152	28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

**GMO Site
Down Hole Field Log
Project No. 25585XG**

Date: 11/1/01

Technician: Joel Ahrweiler

Instrument Model No.: Ludlum 2221

Operational Check: 18,080

Serial No.: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 Sec.

Boring No.: L.3 – 25.9

(Max Depth 9.9 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2646	15.5	
1	3293	16	
1.5	4036	16.5	
2	5691	17	
2.5	7255	17.5	
3	7894	18	
3.5	7606	18.5	
4	6783	19	
4.5	8399	19.5	
5	8497	20	
5.5	8215	20.5	
6	7789	21	
6.5	7515	21.5	
7	6290	22	
7.5	4808	22.5	
8	4098	23	
8.5	3695	23.5	
9	3355	24	
9.5	2875	24.5	
9.9	2497	25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

**GMO Site
Down Hole Field Log
Project No. 25585XG**

Date: 10/30/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 17,950

Serial No: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm ≈

18,804 counts per 30 Sec.

* Shielded (2")

Boring No.: L.3 – 26.5

(Max Depth 12 ft)

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	3617	15.5	
1	5906	16	
1.5	5237	16.5	
2	6244	17	
2.5	7353	17.5	
3	8107	18	
3.5	8597	18.5	
4	8173	19	
4.5	7847	19.5	
5	8442	20	
5.5	8593	20.5	
6	7963	21	
6.5	6473	21.5	
7	4588	22	
7.5	4661	22.5	
8	5040	23	
8.5	4839	23.5	
9	4321	24	
9.5	4139	24.5	
10	4499	25	
10.5	5614	25.5	
11	5890	26	
11.5	5198	26.5	
12	6014	27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/30/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 17,950

Serial No: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,804 counts per 30 Sec.

Boring No.: L.3 – 26.8
(Max Depth 13 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	4653	15.5	
1	6704	16	
1.5	7763	16.5	
2	8331	17	
2.5	8017	17.5	
3	8189	18	
3.5	8308	18.5	
4	8621	19	
4.5	8668	19.5	
5	8638	20	
5.5	8503	20.5	
6	8155	21	
6.5	6432	21.5	
7	4728	22	
7.5	4565	22.5	
8	4326	23	
8.5	3654	23.5	
9	3351	24	
9.5	3965	24.5	
10	5291	25	
10.5	6269	25.5	
11	6689	26	
11.5	5985	26.5	
12	5902	27	
12.5	5306	27.5	
13	4829	28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/26/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 18,100

Serial No: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,804 counts per 30 Sec.

Boring No.: L.3 – 27

(Max Depth 14.4 ft)

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	2508	15.5	
1	4784	16	
1.5	7516	16.5	
2	8733	17	
2.5	8716	17.5	
3	8751	18	
3.5	9115	18.5	
4	9038	19	
4.5	8769	19.5	
5	8577	20	
5.5	7359	20.5	
6	8158	21	
6.5	7339	21.5	
7	5014	22	
7.5	4050	22.5	
8	3575	23	
8.5	3326	23.5	
9	3443	24	
9.5	4115	24.5	
10	4934	25	
10.5	4516	25.5	
11	3659	26	
11.5	3104	26.5	
12	2788	27	
12.5	2696	27.5	
13	2480	28	
13.5	2435	28.5	
14	2394	29	
14.5	2495	29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/31/01

Technician: Joel Ahrweiler

Instrument Model No.: Ludlum 2221

Operational Check: 18,292

Serial No.: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 Sec.

Boring No.: L.5 – 26.2

(Max Depth 11.5 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3790	15.5	
1	6135	16	
1.5	7459	16.5	
2	8083	17	
2.5	8021	17.5	
3	7912	18	
3.5	7878	18.5	
4	7813	19	
4.5	7955	19.5	
5	7587	20	
5.5	7696	20.5	
6	8091	21	
6.5	7748	21.5	
7	5671	22	
7.5	4431	22.5	
8	3990	23	
8.5	3892	23.5	
9	3890	24	
9.5	4322	24.5	
10	4628	25	
10.5	4497	25.5	
11	4159	26	
11.5	3834	26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/30/01

Technician: Joel Ahrweiler

Instrument Model No.: Ludlum 2221

Operational Check: 18,236

Serial No: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 Sec.

Boring No.: L.9 – 18.9

(Max Depth 10.9 ft)

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	4544	15.5	
1	5252	16	
1.5	5489	16.5	
2	5990	17	
2.5	5019	17.5	
3	4770	18	
3.5	5881	18.5	
4	6485	19	
4.5	6793	19.5	
5	6686	20	
5.5	6194	20.5	
6	5532	21	
6.5	4284	21.5	
7	3682	22	
7.5	4728	22.5	
8	3646	23	
8.5	3394	23.5	
9	3108	24	
9.5	3060	24.5	
10	3254	25	
10.5	3202	25.5	
10.9	3115	26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/30/01

Technician: Joel Ahrweiler

Instrument Model No.: Ludlum 2221

Operational Check: 18,236

Serial No.: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 Sec.

Boring No.: L.9 – 19.4

(Max Depth 10.8 ft)

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	3708	15.5	
1	5549	16	
1.5	5570	16.5	
2	6808	17	
2.5	8371	17.5	
3	8312	18	
3.5	8715	18.5	
4	8727	19	
4.5	9378	19.5	
5	9453	20	
5.5	9365	20.5	
6	8837	21	
6.5	7543	21.5	
7	5835	22	
7.5	4555	22.5	
8	4668	23	
8.5	4310	23.5	
9	4799	24	
9.5	5457	24.5	
10	6017	25	
10.5	4901	25.5	
10.8	4287	26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/30/01

Technician: Joel Ahrweiler

Instrument Model No.: Ludlum 2221

Operational Check: 18,236

Serial No: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 Sec.

Boring No.: L.9 – 20

(Max Depth 11.10 ft)

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	2855	15.5	
1	4686	16	
1.5	6346	16.5	
2	5998	17	
2.5	5082	17.5	
3	5442	18	
3.5	5763	18.5	
4	6280	19	
4.5	6809	19.5	
5	7125	20	
5.5	7623	20.5	
6	7772	21	
6.5	7570	21.5	
7	7159	22	
7.5	4835	22.5	
8	3652	23	
8.5	3379	23.5	
9	2858	24	
9.5	2797	24.5	
10	2761	25	
10.5	2855	25.5	
11	2515	26	
11.5	2470	26.5	
11.10	2499	27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

**GMO Site
Down Hole Field Log
Project No. 25585XG**

Date: 10/30/01

Technician: Joel Ahrweiler

Instrument Model No.: Ludlum 2221

Operational Check: 18,236

Serial No: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 Sec.

Boring No.: L.9 – 20.6

(Max Depth 11.8 ft)

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	4212	15.5	
1	5762	16	
1.5	5919	16.5	
2	6019	17	
2.5	6797	17.5	
3	7340	18	
3.5	6779	18.5	
4	6554	19	
4.5	6501	19.5	
5	6505	20	
5.5	6395	20.5	
6	6213	21	
6.5	5808	21.5	
7	4568	22	
7.5	3703	22.5	
8	3587	23	
8.5	3394	23.5	
9	3168	24	
9.5	2965	24.5	
10	2877	25	
10.5	2871	25.5	
11	2791	26	
11.5	2635	26.5	
11.8	2719	27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/30/01

Technician: Joel Ahrweiler

Instrument Model No.: Ludlum 2221

Operational Check: 18,236

Serial No: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 Sec.

Boring No.: L.9 – 21.2

(Max Depth 12.1 ft)

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	3727	15.5	
1	5460	16	
1.5	6971	16.5	
2	7165	17	
2.5	7369	17.5	
3	7219	18	
3.5	6456	18.5	
4	6126	19	
4.5	5864	19.5	
5	5831	20	
5.5	6622	20.5	
6	6905	21	
6.5	6783	21.5	
7	5550	22	
7.5	4105	22.5	
8	3934	23	
8.5	3453	23.5	
9	2297	24	
9.5	3160	24.5	
10	3070	25	
10.5	2966	25.5	
11	2962	26	
11.5	2767	26.5	
12	2681	27	
12.1	2669	27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

**GMO Site
Down Hole Field Log
Project No. 25585XG**

Date: 10/30/01

Technician: Joel Ahrweiler

Instrument Model No.: Ludlum 2221

Operational Check: 18,236

Serial No.: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 Sec.

Boring No.: L.9 – 21.7

(Max Depth 8.3 ft)

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	3623	15.5	
1	5075	16	
1.5	6978	16.5	
2	7610	17	
2.5	7582	17.5	
3	7092	18	
3.5	6581	18.5	
4	6552	19	
4.5	6124	19.5	
5	6869	20	
5.5	7016	20.5	
6	6301	21	
6.5	5695	21.5	
7	4018	22	
7.5	3908	22.5	
8	3314	23	
8.5	3693	23.5	
8.3	3708	24	
9.5		24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

**GMO Site
Down Hole Field Log
Project No. 25585XG**

Date: 10/30/01

Technician: Joel Ahrweiler

Instrument Model No.: Ludlum 2221

Operational Check: 18,236

Serial No: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

18,059 counts per 30 Sec.

* Shielded (2")

Boring No.: L.9 – 22.3

(Max Depth 10 ft)

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	3425	15.5	
1	4214	16	
1.5	5559	16.5	
2	6072	17	
2.5	5836	17.5	
3	6182	18	
3.5	6807	18.5	
4	6454	19	
4.5	7855	19.5	
5	8570	20	
5.5	8620	20.5	
6	7919	21	
6.5	6645	21.5	
7	5454	22	
7.5	4223	22.5	
8	4140	23	
8.5	3451	23.5	
9	3340	24	
9.5	3345	24.5	
10	3614	25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

**GMO Site
Down Hole Field Log
Project No. 25585XG**

Date: 10/30/01

Technician: Joel Ahrweiler

Instrument Model No.: Ludlum 2221

Operational Check: 18,236

Serial No.: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 Sec.

Boring No.: L.9 – 22.8

(Max Depth 11 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3219	15.5	
1	3942	16	
1.5	5426	16.5	
2	6419	17	
2.5	6965	17.5	
3	2708	18	
3.5	7597	18.5	
4	7044	19	
4.5	7084	19.5	
5	7225	20	
5.5	6834	20.5	
6	6608	21	
6.5	6996	21.5	
7	6787	22	
7.5	5703	22.5	
8	3941	23	
8.5	3884	23.5	
9	3571	24	
9.5	3433	24.5	
10	3497	25	
10.5	3775	25.5	
11	3629	26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/31/01

Technician: Joel Ahrweiler

Instrument Model No.: Ludlum 2221

Operational Check: 18,292

Serial No: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 Sec.

Boring No.: L.9 – 23.3

(Max Depth 10.4 ft)

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	2819	15.5	
1	4022	16	
1.5	5698	16.5	
2	6027	17	
2.5	6033	17.5	
3	5869	18	
3.5	5764	18.5	
4	6205	19	
4.5	6751	19.5	
5	6694	20	
5.5	5656	20.5	
6	5643	21	
6.5	5386	21.5	
7	5830	22	
7.5	4943	22.5	
8	3636	23	
8.5	3856	23.5	
9	3607	24	
9.5	3428	24.5	
10	3256	25	
10.4	3331	25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/31/01

Technician: Joel Ahrweiler

Instrument Model No.: Ludlum 2221

Operational Check: 18,292

Serial No.: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =
18,059 counts per 30 Sec.

* Shielded (2")

Boring No.: L.9 – 24
(Max Depth 11 ft)

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	2944	15.5	
1	3759	16	
1.5	6357	16.5	
2	7341	17	
2.5	7115	17.5	
3	6772	18	
3.5	5916	18.5	
4	5560	19	
4.5	6348	19.5	
5	6840	20	
5.5	7044	20.5	
6	6592	21	
6.5	6451	21.5	
7	6292	22	
7.5	5108	22.5	
8	4020	23	
8.5	3998	23.5	
9	3378	24	
9.5	3155	24.5	
10	3092	25	
10.5	3203	25.5	
11	3259	26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/31/01

Technician: Joel Ahrweiler

Instrument Model No.: Ludlum 2221

Operational Check: 18,292

Serial No: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 Sec.

Boring No.: L.9 – 24.5
(Max Depth 15 ft)

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	2444	15.5	
1	3148	16	
1.5	4169	16.5	
2	5414	17	
2.5	6889	17.5	
3	6959	18	
3.5	6456	18.5	
4	6092	19	
4.5	6766	19.5	
5	7340	20	
5.5	7276	20.5	
6	7469	21	
6.5	7744	21.5	
7	7630	22	
7.5	6990	22.5	
8	6748	23	
8.5	4685	23.5	
9	3987	24	
9.5	3367	24.5	
10	3124	25	
10.5	3045	25.5	
11	3108	26	
11.5	3346	26.5	
12	3402	27	
12.5	3202	27.5	
13	2770	28	
13.5	2542	28.5	
14	2437	29	
14.5	2456	29.5	
15	2233	30	

**GMO Site
Down Hole Field Log
Project No. 25585XG**

Date: 10/31/01

Technician: Joel Ahrweiler

Instrument Model No.: Ludlum 2221

Operational Check: 18,292

Serial No.: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 Sec.

**Boring No.: L.9 - 25.1
(Max Depth 11.8 ft)**

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3230	15.5	
1	4422	16	
1.5	6483	16.5	
2	7536	17	
2.5	8774	17.5	
3	9112	18	
3.5	8449	18.5	
4	7436	19	
4.5	6502	19.5	
5	5665	20	
5.5	5420	20.5	
6	7028	21	
6.5	8089	21.5	
7	6853	22	
7.5	5388	22.5	
8	4031	23	
8.5	4001	23.5	
9	4139	24	
9.5	4144	24.5	
10	4237	25	
10.5	4493	25.5	
11	4502	26	
11.5	4640	26.5	
11.8	4726	27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/31/01

Technician: Joel Ahrweiler

Instrument Model No.: Ludlum 2221

Operational Check: 18,292

Serial No: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 Sec.

Boring No.: L.9 – 25.6
(Max Depth 11 ft)

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	2112	15.5	
1	2600	16	
1.5	3835	16.5	
2	5805	17	
2.5	7225	17.5	
3	7621	18	
3.5	7839	18.5	
4	8266	19	
4.5	8090	19.5	
5	8642	20	
5.5	8804	20.5	
6	8421	21	
6.5	8018	21.5	
7	8236	22	
7.5	8089	22.5	
8	6983	23	
8.5	5383	23.5	
9	4502	24	
9.5	3644	24.5	
10	3434	25	
10.5	3469	25.5	
11	3563	26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/31/01

Technician: Joel Ahrweiler

Instrument Model No.: Ludlum 2221

Operational Check: 18,292

Serial No.: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =
18,059 counts per 30 Sec.

* Shielded (2")

Boring No.: L.9 – 26.2
(Max Depth 11 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2111	15.5	
1	2723	16	
1.5	5012	16.5	
2	5658	17	
2.5	6426	17.5	
3	7780	18	
3.5	8239	18.5	
4	8865	19	
4.5	9614	19.5	
5	10165	20	
5.5	9638	20.5	
6	9535	21	
6.5	9646	21.5	
7	9223	22	
7.5	7458	22.5	
8	5739	23	
8.5	4746	23.5	
9	3948	24	
9.5	3604	24.5	
10	3644	25	
10.5	3715	25.5	
11	3665	26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/31/01

Technician: Joel Ahrweiler

Instrument Model No.: Ludlum 2221

Operational Check: 18,292

Serial No.: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 Sec.

Boring No.: L.9 – 26.6

(Max Depth 12.5 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2159	15.5	
1	3408	16	
1.5	5936	16.5	
2	7376	17	
2.5	8045	17.5	
3	8061	18	
3.5	8010	18.5	
4	7797	19	
4.5	8020	19.5	
5	8213	20	
5.5	8097	20.5	
6	8123	21	
6.5	7818	21.5	
7	7864	22	
7.5	6729	22.5	
8	5326	23	
8.5	5426	23.5	
9	5845	24	
9.5	5531	24.5	
10	5211	25	
10.5	4628	25.5	
11	4399	26	
11.5	4653	26.5	
12	5756	27	
12.5	5591	27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

**GMO Site
Down Hole Field Log
Project No. 25585XG**

Date: 10/26/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 18,100

Serial No.: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,804 counts per 30 Sec.

Boring No.: L.9 - 27

(Max Depth 11.5 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3644	15.5	
1	7431	16	
1.5	8492	16.5	
2	9003	17	
2.5	9485	17.5	
3	9140	18	
3.5	8880	18.5	
4	8476	19	
4.5	8512	19.5	
5	8422	20	
5.5	8098	20.5	
6	8280	21	
6.5	7715	21.5	
7	5779	22	
7.5	4944	22.5	
8	3675	23	
8.5	3129	23.5	
9	3160	24	
9.5	3296	24.5	
10	3634	25	
10.5	4015	25.5	
11	3987	26	
11.5	3413	26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/30/01

Technician: Joel Ahrweiler

Instrument Model No.: Ludlum 2221

Operational Check: 18,236

Serial No: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 Sec.

Boring No.: M.1 – 24.7

(Max Depth 11 ft)

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	3633	15.5	
1	6197	16	
1.5	7665	16.5	
2	7829	17	
2.5	7971	17.5	
3	7485	18	
3.5	7758	18.5	
4	8046	19	
4.5	8044	19.5	
5	8158	20	
5.5	8362	20.5	
6	8029	21	
6.5	7453	21.5	
7	5664	22	
7.5	4711	22.5	
8	4500	23	
8.5	4224	23.5	
9	4058	24	
9.5	3995	24.5	
10	4083	25	
10.5	4301	25.5	
11	4477	26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

**GMO Site
Down Hole Field Log
Project No. 25585XG**

Date: 10/30/01

Technician: Joel Ahrweiler

Instrument Model No.: Ludlum 2221

Operational Check: 18,236

Serial No.: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 Sec.

Boring No.: M.1 – 25.3

(Max Depth 10.5 ft)

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	3323	15.5	
1	5335	16	
1.5	7631	16.5	
2	7756	17	
2.5	7868	17.5	
3	8117	18	
3.5	8772	18.5	
4	8471	19	
4.5	7146	19.5	
5	7853	20	
5.5	7511	20.5	
6	7291	21	
6.5	7468	21.5	
7	7916	22	
7.5	6318	22.5	
8	5204	23	
8.5	4572	23.5	
9	4146	24	
9.5	4184	24.5	
10	4526	25	
10.5	4663	25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/30/01

Technician: Joel Ahrweiler

Instrument Model No.: Ludlum 2221

Operational Check: 18,236

Serial No: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 Sec.

Boring No.: M.1 – 25.9

(Max Depth 11.5 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	4941	15.5	
1	7344	16	
1.5	6937	16.5	
2	6749	17	
2.5	7772	17.5	
3	8567	18	
3.5	8652	18.5	
4	7975	19	
4.5	8097	19.5	
5	8581	20	
5.5	8982	20.5	
6	8623	21	
6.5	8601	21.5	
7	8065	22	
7.5	7320	22.5	
8	5697	23	
8.5	5219	23.5	
9	5703	24	
9.5	5054	24.5	
10	4375	25	
10.5	4509	25.5	
11	5234	26	
11.5	5355	26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/30/01

Technician: Joel Ahrweiler

Instrument Model No.: Ludlum 2221

Operational Check: 18,236

Serial No: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 Sec.

Boring No.: M.1 – 26.4

(Max Depth 12 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	7159	15.5	
1	7856	16	
1.5	8754	16.5	
2	9232	17	
2.5	8691	17.5	
3	8536	18	
3.5	8476	18.5	
4	8126	19	
4.5	8008	19.5	
5	7833	20	
5.5	7473	20.5	
6	6386	21	
6.5	5136	21.5	
7	4832	22	
7.5	4916	22.5	
8	5511	23	
8.5	5502	23.5	
9	5466	24	
9.5	5261	24.5	
10	5415	25	
10.5	6616	25.5	
11	5979	26	
11.5	6161	26.5	
12	5686	27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/30/01

Technician: Joel Ahrweiler

Instrument Model No.: Ludlum 2221

Operational Check: 18,236

Serial No: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 Sec.

Boring No.: M.1 – 26.8

(Max Depth 13 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3209	15.5	
1	5968	16	
1.5	6304	16.5	
2	7697	17	
2.5	9311	17.5	
3	9069	18	
3.5	8966	18.5	
4	8578	19	
4.5	7907	19.5	
5	7529	20	
5.5	7881	20.5	
6	7835	21	
6.5	7419	21.5	
7	5790	22	
7.5	5219	22.5	
8	4956	23	
8.5	5263	23.5	
9	5405	24	
9.5	4180	24.5	
10	4959	25	
10.5	5807	25.5	
11	5698	26	
11.5	4945	26.5	
12	4945	27	
12.5	4937	27.5	
13	5161	28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

**GMO Site
Down Hole Field Log
Project No. 25585XG**

Date: 10/29/01

Technician: Toby Shewan

Instrument Model No.: Ludlum 2221

Operational Check: 18,400

Serial No: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 Sec.

**Boring No.: M.2 – 19
(Max Depth 11 ft)**

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3312	15.5	
1	4277	16	
1.5	5539	16.5	
2	5531	17	
2.5	6000	17.5	
3	7913	18	
3.5	8343	18.5	
4	7676	19	
4.5	7200	19.5	
5	7428	20	
5.5	7247	20.5	
6	7387	21	
6.5	7684	21.5	
7	6142	22	
7.5	5254	22.5	
8	4972	23	
8.5	4560	23.5	
9	4865	24	
9.5	5076	24.5	
10	5756	25	
10.5	4491	25.5	
11	3230	26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

**GMO Site
Down Hole Field Log
Project No. 25585XG**

Date: 10/29/01

Technician: Toby Shewan

Instrument Model No.: Ludlum 2221

Operational Check: 18,400

Serial No: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 Sec.

Boring No.: M.2 – 19.7

(Max Depth 10.5 ft)

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	2771	15.5	
1	4106	16	
1.5	6066	16.5	
2	7540	17	
2.5	8015	17.5	
3	8272	18	
3.5	7650	18.5	
4	7679	19	
4.5	7688	19.5	
5	7784	20	
5.5	7601	20.5	
6	7279	21	
6.5	7028	21.5	
7	6404	22	
7.5	4407	22.5	
8	4043	23	
8.5	3476	23.5	
9	3227	24	
9.5	3294	24.5	
10	3272	25	
10.5	3294	25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

**GMO Site
Down Hole Field Log
Project No. 25585XG**

Date: 10/29/01

Technician: Toby Shewan

Instrument Model No.: Ludlum 2221

Operational Check: 18,400

Serial No.: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 Sec.

Boring No.: M.2 – 20.2

(Max Depth 10.5 ft)

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	3645	15.5	
1	4987	16	
1.5	6236	16.5	
2	6379	17	
2.5	6056	17.5	
3	4671	18	
3.5	4507	18.5	
4	6022	19	
4.5	8115	19.5	
5	9209	20	
5.5	8847	20.5	
6	8193	21	
6.5	7785	21.5	
7	6516	22	
7.5	4361	22.5	
8	3713	23	
8.5	3292	23.5	
9	3064	24	
9.5	3164	24.5	
10	3303	25	
10.5	3409	25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/29/01

Technician: Toby Shewan

Instrument Model No.: Ludlum 2221

Operational Check: 18,400

Serial No: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 Sec.

Boring No.: M.2 – 20.8

(Max Depth 9.11 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3092	15.5	
1	4432	16	
1.5	6006	16.5	
2	6644	17	
2.5	6418	17.5	
3	6258	18	
3.5	6095	18.5	
4	6648	19	
4.5	7605	19.5	
5	7974	20	
5.5	7554	20.5	
6	6908	21	
6.5	6009	21.5	
7	4454	22	
7.5	4259	22.5	
8	3528	23	
8.5	3485	23.5	
9	3664	24	
9.5	3408	24.5	
9.11	3327	25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

**GMO Site
Down Hole Field Log
Project No. 25585XG**

Date: 10/29/01

Technician: Toby Shewan

Instrument Model No.: Ludlum 2221

Operational Check: 18,400

Serial No.: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 Sec.

**Boring No.: M.2 – 21.3
(Max Depth 10.10 ft)**

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3321	15.5	
1	4639	16	
1.5	6974	16.5	
2	7984	17	
2.5	7287	17.5	
3	6652	18	
3.5	5952	18.5	
4	6170	19	
4.5	6328	19.5	
5	6364	20	
5.5	6774	20.5	
6	7366	21	
6.5	6972	21.5	
7	5824	22	
7.5	4705	22.5	
8	4712	23	
8.5	3704	23.5	
9	3356	24	
9.5	3462	24.5	
10	3227	25	
10.5	3440	25.5	
10.10	3409	26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/29/01

Technician: Toby Shewan

Instrument Model No.: Ludlum 2221

Operational Check: 18,400

Serial No: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 Sec.

Boring No.: M.2 – 21.9

(Max Depth 11.5 ft)

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	2692	15.5	
1	3605	16	
1.5	5019	16.5	
2	6568	17	
2.5	6866	17.5	
3	7133	18	
3.5	7275	18.5	
4	7592	19	
4.5	7959	19.5	
5	8653	20	
5.5	8170	20.5	
6	7628	21	
6.5	7514	21.5	
7	5883	22	
7.5	4666	22.5	
8	4518	23	
8.5	3946	23.5	
9	4045	24	
9.5	3680	24.5	
10	3869	25	
10.5	3756	25.5	
11	4058	26	
11.5	4136	26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

**GMO Site
Down Hole Field Log
Project No. 25585XG**

Date: 10/29/01

Technician: Toby Shewan

Instrument Model No.: Ludlum 2221

Operational Check: 18,400

Serial No.: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 Sec.

Boring No.: M.2 – 22.5

(Max Depth 11.3 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	4136	15.5	
1	4486	16	
1.5	6180	16.5	
2	6397	17	
2.5	6438	17.5	
3	3937	18	
3.5	7673	18.5	
4	8100	19	
4.5	8324	19.5	
5	8588	20	
5.5	8402	20.5	
6	8598	21	
6.5	8416	21.5	
7	6503	22	
7.5	4206	22.5	
8	3552	23	
8.5	3641	23.5	
9	3746	24	
9.5	3756	24.5	
10	3720	25	
10.5	4137	25.5	
11	3964	26	
11.3	3733	26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/29/01

Technician: Toby Shewan

Instrument Model No.: Ludlum 2221

Operational Check: 18,400

Serial No: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 Sec.

Boring No.: M.2 – 23

(Max Depth 10.5 ft)

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	2993	15.5	
1	3838	16	
1.5	4599	16.5	
2	6185	17	
2.5	6178	17.5	
3	6239	18	
3.5	6681	18.5	
4	7016	19	
4.5	7895	19.5	
5	7884	20	
5.5	8596	20.5	
6	8219	21	
6.5	7453	21.5	
7	6816	22	
7.5	5025	22.5	
8	3959	23	
8.5	4114	23.5	
9	4488	24	
9.5	4517	24.5	
10	4461	25	
10.5	4273	25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

**GMO Site
Down Hole Field Log
Project No. 25585XG**

Date: 10/29/01

Technician: Toby Shewan

Instrument Model No.: Ludlum 2221

Operational Check: 18,400

Serial No.: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 Sec.

Boring No.: M.2 – 23.6

(Max Depth 11.5 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2880	15.5	
1	3914	16	
1.5	5697	16.5	
2	7260	17	
2.5	8029	17.5	
3	7435	18	
3.5	7167	18.5	
4	7617	19	
4.5	8135	19.5	
5	8024	20	
5.5	8018	20.5	
6	7391	21	
6.5	6926	21.5	
7	6584	22	
7.5	4751	22.5	
8	3926	23	
8.5	4085	23.5	
9	4146	24	
9.5	4180	24.5	
10	3856	25	
10.5	3862	25.5	
11	4179	26	
11.5	4404	26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/29/01

Technician: Toby Shewan

Instrument Model No.: Ludlum 2221

Operational Check: 18,400

Serial No: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

18,059 counts per 30 Sec.

* Shielded (2")

Boring No.: M.2 – 24.1

(Max Depth 12.3 ft)

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	2975	15.5	
1	4497	16	
1.5	6540	16.5	
2	6840	17	
2.5	6796	17.5	
3	7176	18	
3.5	7006	18.5	
4	6983	19	
4.5	7249	19.5	
5	7760	20	
5.5	7478	20.5	
6	7028	21	
6.5	6976	21.5	
7	7326	22	
7.5	6066	22.5	
8	4498	23	
8.5	4312	23.5	
9	3569	24	
9.5	3354	24.5	
10	3531	25	
10.5	3816	25.5	
11	3793	26	
11.5	4434	26.5	
12	4519	27	
12.3	4038	27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

**GMO Site
Down Hole Field Log
Project No. 25585XG**

Date: 10/26/01

Technician: Brett Barton

Instrument Model No.: Ludlum 2221

Operational Check: 18,100

Serial No.: 127242

Probe Model No.: PR 44-10

Serial No.: 168148

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,804 counts per 30 Sec.

**Boring No.: M.4 – 27
(Max Depth 14.5 ft)**

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	5831	15.5	
1	7650	16	
1.5	8085	16.5	
2	8029	17	
2.5	8260	17.5	
3	8748	18	
3.5	8583	18.5	
4	8637	19	
4.5	8671	19.5	
5	8676	20	
5.5	8621	20.5	
6	8556	21	
6.5	7809	21.5	
7	5173	22	
7.5	5021	22.5	
8	4872	23	
8.5	5118	23.5	
9	4746	24	
9.5	5113	24.5	
10	5372	25	
10.5	5609	25.5	
11	6837	26	
11.5	6736	26.5	
12	5988	27	
12.5	5504	27.5	
13	4860	28	
13.5	4258	28.5	
14	3495	29	
14.5	3517	29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/26/01

Technician: Toby Shewan

Instrument Model No.: Ludlum 2221

Operational Check: 18,900

Serial No.: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 Sec.

Boring No.: M.5 – 19.4

(Max Depth 10 ft)

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	3219	15.5	
1	4553	16	
1.5	7483	16.5	
2	7566	17	
2.5	7419	17.5	
3	7372	18	
3.5	7130	18.5	
4	7102	19	
4.5	7187	19.5	
5	7587	20	
5.5	7434	20.5	
6	6897	21	
6.5	5232	21.5	
7	4955	22	
7.5	3971	22.5	
8	3698	23	
8.5	3729	23.5	
9	3789	24	
9.5	3711	24.5	
10	3290	25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/26/01

Technician: Toby Shewan

Instrument Model No.: Ludlum 2221

Operational Check: 18,900

Serial No.: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 Sec.

Boring No.: M.5 – 19.9

(Max Depth 10.10 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2935	15.5	
1	3919	16	
1.5	5595	16.5	
2	6586	17	
2.5	6909	17.5	
3	7663	18	
3.5	7403	18.5	
4	6931	19	
4.5	7113	19.5	
5	7542	20	
5.5	7766	20.5	
6	7729	21	
6.5	7547	21.5	
7	6447	22	
7.5	4266	22.5	
8	3890	23	
8.5	3666	23.5	
9	3549	24	
9.5	3319	24.5	
10	3187	25	
10.5	3460	25.5	
10.10	3217	26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/26/01

Technician: Toby Shewan

Instrument Model No.: Ludlum 2221

Operational Check: 18,900

Serial No: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 Sec.

Boring No.: M.5 – 20.5

(Max Depth 11 ft)

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	3314	15.5	
1	5537	16	
1.5	6614	16.5	
2	6544	17	
2.5	6431	17.5	
3	6297	18	
3.5	6514	18.5	
4	6808	19	
4.5	7488	19.5	
5	7903	20	
5.5	7973	20.5	
6	7948	21	
6.5	7520	21.5	
7	6529	22	
7.5	4800	22.5	
8	4633	23	
8.5	3788	23.5	
9	3588	24	
9.5	3953	24.5	
10	4558	25	
10.5	3964	25.5	
11	3056	26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/26/01

Technician: Toby Shewan

Instrument Model No.: Ludlum 2221

Operational Check: 18,900

Serial No.: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 Sec.

Boring No.: M.5 – 21.1
(Max Depth 10.10 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3899	15.5	
1	5060	16	
1.5	6562	16.5	
2	6746	17	
2.5	6014	17.5	
3	5893	18	
3.5	6406	18.5	
4	7016	19	
4.5	7510	19.5	
5	7368	20	
5.5	7379	20.5	
6	7274	21	
6.5	6339	21.5	
7	4472	22	
7.5	4876	22.5	
8	4577	23	
8.5	4726	23.5	
9	4465	24	
9.5	3791	24.5	
10	3116	25	
10.5	3083	25.5	
10.10	3177	26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/26/01

Technician: Toby Shewan

Instrument Model No.: Ludlum 2221

Operational Check: 18,900

Serial No: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 Sec.

Boring No.: M.5 – 21.7

(Max Depth 11.5 ft)

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	3616	15.5	
1	4916	16	
1.5	6700	16.5	
2	7425	17	
2.5	7718	17.5	
3	7768	18	
3.5	7713	18.5	
4	8352	19	
4.5	8487	19.5	
5	8165	20	
5.5	7892	20.5	
6	7839	21	
6.5	6912	21.5	
7	4873	22	
7.5	4325	22.5	
8	3852	23	
8.5	3847	23.5	
9	3972	24	
9.5	4178	24.5	
10	4232	25	
10.5	4126	25.5	
11	4421	26	
11.5	4271	26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/26/01

Technician: Toby Shewan

Instrument Model No.: Ludlum 2221

Operational Check: 18,900

Serial No: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 Sec.

Boring No.: M.5 – 22.2
(Max Depth 11.7 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	4163	15.5	
1	5855	16	
1.5	7363	16.5	
2	7941	17	
2.5	8129	17.5	
3	8109	18	
3.5	8220	18.5	
4	9060	19	
4.5	9148	19.5	
5	8410	20	
5.5	8180	20.5	
6	7861	21	
6.5	7490	21.5	
7	5558	22	
7.5	3699	22.5	
8	3081	23	
8.5	3706	23.5	
9	3717	24	
9.5	4139	24.5	
10	3978	25	
10.5	3697	25.5	
11	3526	26	
11.7	3860	26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

**GMO Site
Down Hole Field Log
Project No. 25585XG**

Date: 10/26/01

Technician: Toby Shewan

Instrument Model No.: Ludlum 2221

Operational Check: 18,900

Serial No: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 Sec.

Boring No.: M.5 – 22.8

(Max Depth 11.10 ft)

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	2699	15.5	
1	4119	16	
1.5	6314	16.5	
2	7176	17	
2.5	7768	17.5	
3	8457	18	
3.5	7947	18.5	
4	8063	19	
4.5	8284	19.5	
5	8244	20	
5.5	8018	20.5	
6	7095	21	
6.5	9167	21.5	
7	7823	22	
7.5	6393	22.5	
8	4490	23	
8.5	4035	23.5	
9	4063	24	
9.5	4077	24.5	
10	4020	25	
10.5	3878	25.5	
11	3708	26	
11.5	3561	26.5	
11.10	3568	27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

**GMO Site
Down Hole Field Log
Project No. 25585XG**

Date: 10/26/01

Technician: Toby Shewan

Instrument Model No.: Ludlum 2221

Operational Check: 18,900

Serial No.: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 Sec.

Boring No.: M.5 – 23.3

(Max Depth 11.2 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3439	15.5	
1	5656	16	
1.5	7082	16.5	
2	7780	17	
2.5	8447	17.5	
3	8152	18	
3.5	7780	18.5	
4	8158	19	
4.5	8663	19.5	
5	8672	20	
5.5	8782	20.5	
6	8330	21	
6.5	7924	21.5	
7	7362	22	
7.5	5684	22.5	
8	4340	23	
8.5	3992	23.5	
9	3917	24	
9.5	3529	24.5	
10	3440	25	
10.5	3654	25.5	
11	3745	26	
11.2	3768	26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/26/01

Technician: Toby Shewan

Instrument Model No.: Ludlum 2221

Operational Check: 18,900

Serial No: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 Sec.

Boring No.: M.5 – 23.9

(Max Depth 14 ft)

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	3369	15.5	
1	5449	16	
1.5	7331	16.5	
2	7436	17	
2.5	7793	17.5	
3	7445	18	
3.5	6762	18.5	
4	6604	19	
4.5	6988	19.5	
5	7535	20	
5.5	7308	20.5	
6	6970	21	
6.5	6790	21.5	
7	6335	22	
7.5	5246	22.5	
8	5050	23	
8.5	4155	23.5	
9	3081	24	
9.5	2431	24.5	
10	2669	25	
10.5	4281	25.5	
11	5052	26	
11.5	4841	26.5	
12	3985	27	
12.5	3625	27.5	
13	3658	28	
13.5	3499	28.5	
14	3400	29	
14.5		29.5	
15		30	

**GMO Site
Down Hole Field Log
Project No. 25585XG**

Date: 10/26/01

Technician: Toby Shewan

Instrument Model No.: Ludlum 2221

Operational Check: 18,900

Serial No.: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 Sec.

**Boring No.: M.5 – 24.4
(Max Depth 11.5 ft)**

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	4332	15.5	
1	6690	16	
1.5	7252	16.5	
2	8052	17	
2.5	8599	17.5	
3	8208	18	
3.5	7898	18.5	
4	7877	19	
4.5	7697	19.5	
5	7694	20	
5.5	8019	20.5	
6	8348	21	
6.5	8368	21.5	
7	7569	22	
7.5	5929	22.5	
8	5621	23	
8.5	4635	23.5	
9	4691	24	
9.5	4581	24.5	
10	4442	25	
10.5	4288	25.5	
11	4062	26	
11.5	4127	26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/29/01

Technician: Toby Shewan

Instrument Model No.: Ludlum 2221

Operational Check: 18,400

Serial No: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 Sec.

Boring No.: M.5 – 25
(Max Depth 13.4 ft)

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	3173	15.5	
1	5114	16	
1.5	7291	16.5	
2	7917	17	
2.5	8241	17.5	
3	7820	18	
3.5	7329	18.5	
4	7467	19	
4.5	7687	19.5	
5	7383	20	
5.5	7575	20.5	
6	8529	21	
6.5	7845	21.5	
7	7494	22	
7.5	6836	22.5	
8	5472	23	
8.5	4774	23.5	
9	4425	24	
9.5	4599	24.5	
10	4763	25	
10.5	4489	25.5	
11	4820	26	
11.5	5162	26.5	
12	5049	27	
12.5	5035	27.5	
13	4239	28	
13.4	3714	28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/29/01

Technician: Toby Shewan

Instrument Model No.: Ludlum 2221

Operational Check: 18,400

Serial No.: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 Sec.

Boring No.: M.5 – 25.6

(Max Depth 13.9 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3108	15.5	
1	4488	16	
1.5	5223	16.5	
2	6988	17	
2.5	8119	17.5	
3	8199	18	
3.5	8332	18.5	
4	7941	19	
4.5	7876	19.5	
5	8179	20	
5.5	8061	20.5	
6	7920	21	
6.5	8078	21.5	
7	8068	22	
7.5	6684	22.5	
8	5521	23	
8.5	4980	23.5	
9	4740	24	
9.5	4755	24.5	
10	4425	25	
10.5	4668	25.5	
11	5350	26	
11.5	5343	26.5	
12	5253	27	
12.5	5125	27.5	
13	5295	28	
13.5	4821	28.5	
13.9	4505	29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/29/01

Technician: Toby Shewan

Instrument Model No.: Ludlum 2221

Operational Check: 18,400

Serial No: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 Sec.

Boring No.: M.5 – 26.1

(Max Depth 13.9 ft)

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	2878	15.5	
1	4614	16	
1.5	6150	16.5	
2	7727	17	
2.5	8454	17.5	
3	8358	18	
3.5	7937	18.5	
4	8188	19	
4.5	8215	19.5	
5	8148	20	
5.5	7123	20.5	
6	7205	21	
6.5	7208	21.5	
7	6734	22	
7.5	5496	22.5	
8	6165	23	
8.5	5906	23.5	
9	5079	24	
9.5	4675	24.5	
10	4434	25	
10.5	4435	25.5	
11	5567	26	
11.5	6743	26.5	
12	5755	27	
12.5	5602	27.5	
13	5411	28	
13.5	4309	28.5	
13.9	3862	29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/29/01

Technician: Toby Shewan

Instrument Model No.: Ludlum 2221

Operational Check: 18,400

Serial No.: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 Sec.

Boring No.: M.5 – 26.8
(Max Depth 12.5 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2824	15.5	
1	5130	16	
1.5	6004	16.5	
2	6847	17	
2.5	8061	17.5	
3	8196	18	
3.5	7844	18.5	
4	7479	19	
4.5	7693	19.5	
5	7902	20	
5.5	7453	20.5	
6	7051	21	
6.5	7713	21.5	
7	7210	22	
7.5	5235	22.5	
8	5128	23	
8.5	5208	23.5	
9	5172	24	
9.5	5169	24.5	
10	4954	25	
10.5	5074	25.5	
11	6160	26	
11.5	6383	26.5	
12	5777	27	
12.5	5257	27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/26/01

Technician: Toby Shewan

Instrument Model No.: Ludlum 2221

Operational Check: 18,900

Serial No: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 Sec.

Boring No.: M.7 – 26.3

(Max Depth 12.5 ft)

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	4307	15.5	
1	6571	16	
1.5	6980	16.5	
2	6847	17	
2.5	7018	17.5	
3	7319	18	
3.5	7247	18.5	
4	7683	19	
4.5	7638	19.5	
5	7054	20	
5.5	7407	20.5	
6	7759	21	
6.5	7550	21.5	
7	6142	22	
7.5	4414	22.5	
8	4815	23	
8.5	4371	23.5	
9	4040	24	
9.5	3978	24.5	
10	4645	25	
10.5	4088	25.5	
11	6502	26	
11.5	6459	26.5	
12	6312	27	
12.5	5491	27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/29/01

Technician: Toby Shewan

Instrument Model No.: Ludlum 2221

Operational Check: 18,400

Serial No: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 Sec.

Boring No.: M.8 – 26.9
(Max Depth 13.5 ft)

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	3448	15.5	
1	5362	16	
1.5	5984	16.5	
2	7439	17	
2.5	7522	17.5	
3	7465	18	
3.5	7648	18.5	
4	7969	19	
4.5	8129	19.5	
5	8534	20	
5.5	8370	20.5	
6	7451	21	
6.5	6812	21.5	
7	4836	22	
7.5	4660	22.5	
8	4673	23	
8.5	4741	23.5	
9	4814	24	
9.5	4892	24.5	
10	4580	25	
10.5	3995	25.5	
11	4123	26	
11.5	4840	26.5	
12	5746	27	
12.5	5697	27.5	
13	5357	28	
13.5	4723	28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/24/01

Technician: Toby Shewan

Instrument Model No.: Ludlum 2221

Operational Check: 18,205

Serial No: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 Sec.

Boring No.: M.8 – 19.8

(Max Depth 12 ft)

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	1807	15.5	
1	2988	16	
1.5	3580	16.5	
2	4455	17	
2.5	4956	17.5	
3	4952	18	
3.5	4868	18.5	
4	4263	19	
4.5	4037	19.5	
5	6559	20	
5.5	6414	20.5	
6	6617	21	
6.5	7244	21.5	
7	5758	22	
7.5	4922	22.5	
8	3726	23	
8.5	3346	23.5	
9	3522	24	
9.5	3752	24.5	
10	3346	25	
10.5	3168	25.5	
11	3076	26	
11.5	2459	26.5	
12	2596	27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

**GMO Site
Down Hole Field Log
Project No. 25585XG**

Date: 10/25/01

Technician: Toby Shewan

Instrument Model No.: Ludlum 2221

Operational Check: 18,205

Serial No.: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 Sec.

**Boring No.: M.8 – 20.2
(Max Depth 12.5 ft)**

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3027	15.5	
1	4770	16	
1.5	6537	16.5	
2	7538	17	
2.5	8305	17.5	
3	8478	18	
3.5	8307	18.5	
4	8161	19	
4.5	8424	19.5	
5	8238	20	
5.5	8118	20.5	
6	7835	21	
6.5	7163	21.5	
7	5277	22	
7.5	3437	22.5	
8	3327	23	
8.5	3395	23.5	
9	2940	24	
9.5	2840	24.5	
10	3070	25	
10.5	3261	25.5	
11	3492	26	
11.5	3292	26.5	
12	3020	27	
12.5	2627	27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/25/01

Technician: Toby Shewan

Instrument Model No.: Ludlum 2221

Operational Check: 18,205

Serial No: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 Sec.

Boring No.: M.8 – 20.9

(Max Depth 11.4 ft)

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	3271	15.5	
1	5778	16	
1.5	7043	16.5	
2	6849	17	
2.5	7179	17.5	
3	7324	18	
3.5	7738	18.5	
4	7589	19	
4.5	7494	19.5	
5	7243	20	
5.5	7201	20.5	
6	6511	21	
6.5	5917	21.5	
7	4437	22	
7.5	5830	22.5	
8	4252	23	
8.5	3804	23.5	
9	3407	24	
9.5	3382	24.5	
10	4138	25	
10.5	3896	25.5	
11	3422	26	
11.4	2972	26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

**GMO Site
Down Hole Field Log
Project No. 25585XG**

Date: 10/25/01

Technician: Toby Shewan

Instrument Model No.: Ludlum 2221

Operational Check: 18,205

Serial No: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 Sec.

**Boring No.: M.8 – 21.3
(Max Depth 12.10 ft)**

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3014	15.5	
1	5037	16	
1.5	7066	16.5	
2	7567	17	
2.5	7857	17.5	
3	7481	18	
3.5	7633	18.5	
4	7918	19	
4.5	7679	19.5	
5	7485	20	
5.5	7212	20.5	
6	6779	21	
6.5	6128	21.5	
7	4481	22	
7.5	4152	22.5	
8	3727	23	
8.5	3478	23.5	
9	3278	24	
9.5	3187	24.5	
10	3222	25	
10.5	3432	25.5	
11	4153	26	
11.5	5838	26.5	
12	3910	27	
12.5	2937	27.5	
12.10	2916	28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/25/01

Technician: Toby Shewan

Instrument Model No.: Ludlum 2221

Operational Check: 18,205

Serial No: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 Sec.

Boring No.: M.8 – 22

(Max Depth 13.3 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2307	15.5	
1	3622	16	
1.5	6630	16.5	
2	8641	17	
2.5	8079	17.5	
3	7954	18	
3.5	8416	18.5	
4	8411	19	
4.5	8370	19.5	
5	8292	20	
5.5	7342	20.5	
6	6521	21	
6.5	6537	21.5	
7	6770	22	
7.5	4815	22.5	
8	4037	23	
8.5	3562	23.5	
9	3308	24	
9.5	3226	24.5	
10	3496	25	
10.5	3685	25.5	
11	3720	26	
11.5	3477	26.5	
12	3328	27	
12.5	3814	27.5	
13	3549	28	
13.3	3349	28.5	
14		29	
14.5		29.5	
15		30	

**GMO Site
Down Hole Field Log
Project No. 25585XG**

Date: 10/25/01

Technician: Toby Shewan

Instrument Model No.: Ludlum 2221

Operational Check: 18,205

Serial No.: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 Sec.

Boring No.: M.8 – 22.5

(Max Depth 12.11 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3073	15.5	
1	4799	16	
1.5	8010	16.5	
2	8462	17	
2.5	8957	17.5	
3	8860	18	
3.5	9331	18.5	
4	9652	19	
4.5	9739	19.5	
5	9077	20	
5.5	8128	20.5	
6	7274	21	
6.5	6829	21.5	
7	4863	22	
7.5	3895	22.5	
8	3692	23	
8.5	3611	23.5	
9	4046	24	
9.5	3682	24.5	
10	3257	25	
10.5	3076	25.5	
11	3474	26	
11.5	3326	26.5	
12	3020	27	
12.5	3266	27.5	
12.11	3716	28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/25/01

Technician: Toby Shewan

Instrument Model No.: Ludlum 2221

Operational Check: 18,205

Serial No: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 Sec.

Boring No.: M.8 – 23.1

(Max Depth 13.5 ft)

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	2979	15.5	
1	4858	16	
1.5	7630	16.5	
2	8752	17	
2.5	9212	17.5	
3	9535	18	
3.5	9435	18.5	
4	9027	19	
4.5	9419	19.5	
5	9033	20	
5.5	8411	20.5	
6	7706	21	
6.5	7821	21.5	
7	5831	22	
7.5	4219	22.5	
8	3817	23	
8.5	3596	23.5	
9	3643	24	
9.5	4165	24.5	
10	4055	25	
10.5	3822	25.5	
11	3824	26	
11.5	3928	26.5	
12	3704	27	
12.5	3785	27.5	
13	3647	28	
13.5	3628	28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/25/01

Technician: Toby Shewan

Instrument Model No.: Ludlum 2221

Operational Check: 18,205

Serial No: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =
18,059 counts per 30 Sec.

* Shielded (2")

Boring No.: M.8 – 23.6
(Max Depth 14.5 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3574	15.5	
1	6062	16	
1.5	7668	16.5	
2	8639	17	
2.5	8887	17.5	
3	8336	18	
3.5	8807	18.5	
4	9279	19	
4.5	9375	19.5	
5	8912	20	
5.5	7738	20.5	
6	6159	21	
6.5	5010	21.5	
7	4698	22	
7.5	4892	22.5	
8	4087	23	
8.5	3913	23.5	
9	3788	24	
9.5	3666	24.5	
10	3585	25	
10.5	3591	25.5	
11	3527	26	
11.5	3618	26.5	
12	3459	27	
12.5	3144	27.5	
13	3103	28	
13.5	3117	28.5	
14	3167	29	
14.5	2777	29.5	
15		30	

**GMO Site
Down Hole Field Log
Project No. 25585XG**

Date: 10/25/01

Technician: Toby Shewan

Instrument Model No.: Ludlum 2221

Operational Check: 18,205

Serial No: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 Sec.

Boring No.: M.8 – 24.2

(Max Depth 12.5 ft)

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	3106	15.5	
1	5388	16	
1.5	7369	16.5	
2	8125	17	
2.5	8624	17.5	
3	8411	18	
3.5	7863	18.5	
4	7388	19	
4.5	7408	19.5	
5	7714	20	
5.5	7759	20.5	
6	7442	21	
6.5	7491	21.5	
7	7267	22	
7.5	7268	22.5	
8	7024	23	
8.5	6623	23.5	
9	7224	24	
9.5	8158	24.5	
10	7719	25	
10.5	6064	25.5	
11	4174	26	
11.5	3512	26.5	
12	3410	27	
12.5	3299	27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

**GMO Site
Down Hole Field Log
Project No. 25585XG**

Date: 10/25/01

Technician: Toby Shewan

Instrument Model No.: Ludlum 2221

Operational Check: 18,205

Serial No: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 Sec.

Boring No.: M.8 – 24.7

(Max Depth 13.7 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3159	15.5	
1	5404	16	
1.5	7558	16.5	
2	8214	17	
2.5	8086	17.5	
3	7758	18	
3.5	7840	18.5	
4	7335	19	
4.5	6246	19.5	
5	5824	20	
5.5	6708	20.5	
6	7272	21	
6.5	7823	21.5	
7	7320	22	
7.5	6721	22.5	
8	6718	23	
8.5	5532	23.5	
9	4377	24	
9.5	3563	24.5	
10	3176	25	
10.5	3188	25.5	
11	3447	26	
11.5	3644	26.5	
12	3659	27	
12.5	3231	27.5	
13	3220	28	
13.5	3610	28.5	
13.7	3678	29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/25/01

Technician: Toby Shewan

Instrument Model No.: Ludlum 2221

Operational Check: 18,205

Serial No: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 Sec.

Boring No.: M.8 – 25.2

(Max Depth 11.5 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3615	15.5	
1	6830	16	
1.5	8911	16.5	
2	8740	17	
2.5	8324	17.5	
3	7896	18	
3.5	7750	18.5	
4	7744	19	
4.5	7760	19.5	
5	7925	20	
5.5	8085	20.5	
6	7981	21	
6.5	7796	21.5	
7	6915	22	
7.5	5550	22.5	
8	4676	23	
8.5	4266	23.5	
9	4257	24	
9.5	4448	24.5	
10	5002	25	
10.5	5410	25.5	
11	5872	26	
11.5	5261	26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/25/01

Technician: Toby Shewan

Instrument Model No.: Ludlum 2221

Operational Check: 18,205

Serial No.: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =
18,059 counts per 30 Sec.

* Shielded (2")

Boring No.: M.8 – 25.9

(Max Depth 13.5 ft)

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	3595	15.5	
1	6384	16	
1.5	7683	16.5	
2	8363	17	
2.5	8378	17.5	
3	8435	18	
3.5	8664	18.5	
4	8422	19	
4.5	8446	19.5	
5	8161	20	
5.5	7609	20.5	
6	6666	21	
6.5	5530	21.5	
7	4385	22	
7.5	4037	22.5	
8	4086	23	
8.5	4085	23.5	
9	4153	24	
9.5	4708	24.5	
10	4905	25	
10.5	5481	25.5	
11	7005	26	
11.5	6669	26.5	
12	5815	27	
12.5	5812	27.5	
13	5418	28	
13.5	4563	28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
DOWNHOLE FIELD LOG
Project #25585XG

Date: 08-27-01

Instrument Model # Ludlum 2221

Serial # 127242

Probe Model # PR 44-10

Serial # 168148

• Shielded (2")

Technician: Jason Howard

Operational Check: 16850cpm

Cutoff Value = 7.2pCi/gm =

18,804 counts per 30 Sec.

Boring # M.9 – 1.3 (Max Depth 9 ft 3 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2490	15.5	
1	3100	16	
1.5	4653	16.5	
2	5335	17	
2.5	4953	17.5	
3	4714	18	
3.5	5036	18.5	
4	5727	19	
4.5	6158	19.5	
5	5569	20	
5.5	3767	20.5	
6	3532	21	
6.5	4266	21.5	
7	5916	22	
7.5	6137	22.5	
8	4212	23	
8.5	2866	23.5	
9	2430	24	
9' 3"	2279	24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site

DOWNHOLE FIELD LOG

Project #25585XG

Date: 08-27-01

Instrument Model # Ludlum 2221

Technician: Toby Shewan

Operational Check: 18700cpm

Serial # 132844

Probe Model # PR 44-10

Serial # 168144

Cutoff Value = 7.2pCi/gm =

18,059 counts per 30 Sec.

- Shielded (2")

Boring # M.9 – 1.9 (Max Depth 9 ft 7 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2786	15.5	
1	4149	16	
1.5	7038	16.5	
2	8471	17	
2.5	7436	17.5	
3	5574	18	
3.5	6215	18.5	
4	7486	19	
4.5	7325	19.5	
5	5865	20	
5.5	5098	20.5	
6	5379	21	
6.5	6593	21.5	
7	7827	22	
7.5	7981	22.5	
8	5907	23	
8.5	4004	23.5	
9	2657	24	
9.5	2413	24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site
 DOWNHOLE FIELD LOG
 Project #25585XG

Date: 08-27-01

Instrument Model # Ludlum 2221

Technician: Toby Shewan

Operational Check: 18700cpm

Serial # 132844

Probe Model # PR 44-10

Serial # 168144

Cutoff Value = 7.2pCi/gm =

- Shielded (2")

18,059 counts per 30 Sec.

Boring # M.9 – 2.4 (Max Depth 9 ft 2 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2762	15.5	
1	4442	16	
1.5	5350	16.5	
2	4115	17	
2.5	4318	17.5	
3	4875	18	
3.5	5544	18.5	
4	6083	19	
4.5	5944	19.5	
5	4146	20	
5.5	4307	20.5	
6	6475	21	
6.5	7550	21.5	
7	8002	22	
7.5	6737	22.5	
8	3737	23	
8.5	2443	23.5	
9	2300	24	
9' 2"	2409	24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site

DOWNHOLE FIELD LOG

Project #25585XG

Date: 08-27-01

Instrument Model # Ludlum 2221

Technician: Toby Shewan

Operational Check: 18700cpm

Serial # 132844

Probe Model # PR 44-10

Serial # 168144

Cutoff Value = 7.2pCi/gm =

18,059 counts per 30 Sec.

• Shielded (2")

Boring # M.9 - 3 (Max Depth 9 ft 3 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3340	15.5	
1	6513	16	
1.5	6326	16.5	
2	4060	17	
2.5	3421	17.5	
3	3831	18	
3.5	4639	18.5	
4	5139	19	
4.5	5532	19.5	
5	4552	20	
5.5	4523	20.5	
6	4581	21	
6.5	4793	21.5	
7	4369	22	
7.5	4642	22.5	
8	3792	23	
8.5	2716	23.5	
9	2376	24	
9' 3"	2348	24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site
DOWNHOLE FIELD LOG
Project #25585XG

Date: 08-27-01

Instrument Model # Ludlum 2221

Serial # 127242

Probe Model # PR 44-10

Serial # 168148

• Shielded (2")

Technician: Jason Howard

Operational Check: 16850cpm

Cutoff Value = 7.2pCi/gm =

18,804 counts per 30 Sec.

Boring # M.9 – 3.7 (Max Depth 9 ft 3 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2279	15.5	
1	3251	16	
1.5	4779	16.5	
2	4881	17	
2.5	4718	17.5	
3	4675	18	
3.5	4171	18.5	
4	3923	19	
4.5	4632	19.5	
5	5077	20	
5.5	4351	20.5	
6	3944	21	
6.5	4285	21.5	
7	5157	22	
7.5	4983	22.5	
8	5865	23	
8.5	4001	23.5	
9	2782	24	
9' 3"	2683	24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site
DOWNHOLE FIELD LOG
Project #25585XG

Date: 08-27-01

Instrument Model # Ludlum 2221
Serial # 127242
Probe Model # PR 44-10
Serial # 168148

• Shielded (2")

Technician: Jason Howard
Operational Check: 16850cpm

Cutoff Value = 7.2pCi/gm =
18,804 counts per 30 Sec.

Boring # M.9 - 4.1 (Max Depth 8 ft 7 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2443	15.5	
1	4714	16	
1.5	5569	16.5	
2	5629	17	
2.5	5270	17.5	
3	5651	18	
3.5	4894	18.5	
4	3518	19	
4.5	4257	19.5	
5	4509	20	
5.5	4358	20.5	
6	4764	21	
6.5	4884	21.5	
7	4657	22	
7.5	3996	22.5	
8	3604	23	
8.5	2908	23.5	
8' 7"	2600	24	
9.5		24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site
 DOWNHOLE FIELD LOG
 Project #25585XG

Date: 08-27-01

Instrument Model # Ludlum 2221

Technician: Jason Howard

Operational Check: 16850cpm

Serial # 127242

Probe Model # PR 44-10

Serial # 168148

Cutoff Value = 7.2pCi/gm =

18,804 counts per 30 Sec.

- Shielded (2")

Boring # M.9 – 4.8 (Max Depth 9 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2595	15.5	
1	5608	16	
1.5	5696	16.5	
2	5774	17	
2.5	4592	17.5	
3	4849	18	
3.5	3333	18.5	
4	2998	19	
4.5	5038	19.5	
5	4711	20	
5.5	3614	20.5	
6	4195	21	
6.5	5058	21.5	
7	4715	22	
7.5	4477	22.5	
8	3784	23	
8.5	2834	23.5	
9	2616	24	
9.5		24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site
DOWNHOLE FIELD LOG
Project #25585XG

Date: 08-27-01

Instrument Model # Ludlum 2221
 Serial # 132844
 Probe Model # PR 44-10
 Serial # 168144

• Shielded (2")

Technician: Toby Shewan
 Operational Check: 18700cpm

Cutoff Value = 7.2pCi/gm =
18,059 counts per 30 Sec.

Boring # M.9 – 5.2 (Max Depth 9 ft 7 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2000	15.5	
1	2993	16	
1.5	5789	16.5	
2	5311	17	
2.5	5355	17.5	
3	5024	18	
3.5	4645	18.5	
4	4839	19	
4.5	5246	19.5	
5	6213	20	
5.5	6384	20.5	
6	5009	21	
6.5	3566	21.5	
7	3465	22	
7.5	3654	22.5	
8	3619	23	
8.5	3321	23.5	
9	2939	24	
9.5	2657	24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site
DOWNHOLE FIELD LOG
Project #25585XG

Date: 08-27-01

Instrument Model # Ludlum 2221

Serial # 132844

Probe Model # PR 44-10

Serial # 168144

• Shielded (2")

Technician: Toby Shewan

Operational Check: 18700cpm

Cutoff Value = 7.2pCi/gm =
18,059 counts per 30 Sec.

Boring # M.9 – 5.8 (Max Depth 9 ft 4 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	1744	15.5	
1	2592	16	
1.5	5086	16.5	
2	5151	17	
2.5	4892	17.5	
3	4735	18	
3.5	4642	18.5	
4	4526	19	
4.5	4528	19.5	
5	5697	20	
5.5	6415	20.5	
6	5503	21	
6.5	4469	21.5	
7	3903	22	
7.5	3992	22.5	
8	3866	23	
8.5	3413	23.5	
9	3050	24	
9' 4"	2871	24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site
DOWNHOLE FIELD LOG
Project #25585XG

Date: 08-24-01

Instrument Model # Ludlum 2221

Serial # 127242

Probe Model # PR 44-10

Serial # 168148

• Shielded (2")

Technician: Jason Howard

Operational Check: 16850cpm

Cutoff Value = 7.2pCi/gm =

18,804 counts per 30 Sec.

Boring # M.9 – 6.4 (Max Depth 9 ft 3 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2378	15.5	
1	3713	16	
1.5	3081	16.5	
2	1894	17	
2.5	1577	17.5	
3	1531	18	
3.5	2805	18.5	
4	3682	19	
4.5	5091	19.5	
5	5316	20	
5.5	4748	20.5	
6	3657	21	
6.5	3316	21.5	
7	3546	22	
7.5	3441	22.5	
8	2827	23	
8.5	2695	23.5	
9	2430	24	
9.5	2425	24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site

DOWNHOLE FIELD LOG

Project #25585XG

Date: 08-27-01

Instrument Model # Ludlum 2221

Technician: Toby Shewan

Operational Check: 18700cpm

Serial # 132844

Probe Model # PR 44-10

Serial # 168144

Cutoff Value = 7.2pCi/gm =

18,059 counts per 30 Sec.

• Shielded (2")

Boring # M.9 – 6.9 (Max Depth 9 ft 7 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2005	15.5	
1	2600	16	
1.5	4082	16.5	
2	5381	17	
2.5	6244	17.5	
3	6393	18	
3.5	5847	18.5	
4	4766	19	
4.5	4620	19.5	
5	5036	20	
5.5	4883	20.5	
6	3932	21	
6.5	3621	21.5	
7	3298	22	
7.5	3225	22.5	
8	3301	23	
8.5	3137	23.5	
9	2797	24	
9.5	2621	24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site

DOWNHOLE FIELD LOG

Project #25585XG

Date: 08-27-01

Instrument Model #: Ludlum 2221

Technician: Jason Howard

Operational Check: 16850cpm

Serial #: 127242

Probe Model #: PR 44-10

Serial #: 168148

Cutoff Value = 7.2pCi/gm =

• Shielded (2")

18,804 counts per 30 Sec.

Boring # M.9 – 7.7 (Max Depth 9 ft 2 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2592	15.5	
1	5786	16	
1.5	6774	16.5	
2	7526	17	
2.5	7823	17.5	
3	6858	18	
3.5	5796	18.5	
4	5136	19	
4.5	4057	19.5	
5	3622	20	
5.5	3333	20.5	
6	3057	21	
6.5	2937	21.5	
7	2875	22	
7.5	3012	22.5	
8	3208	23	
8.5	2704	23.5	
9	2442	24	
9' 2"	2424	24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site
 DOWNHOLE FIELD LOG
 Project #25585XG

Date: 08-27-01

Instrument Model # Ludlum 2221

Technician: Toby Shewan

Operational Check: 18700cpm

Serial # 132844

Probe Model # PR 44-10

Serial # 168144

Cutoff Value = 7.2pCi/gm =

• Shielded (2")

18,059 counts per 30 Sec.

Boring # M.9 - 8 (Max Depth 9 ft 10 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2201	15.5	
1	2267	16	
1.5	3072	16.5	
2	6538	17	
2.5	8098	17.5	
3	7264	18	
3.5	6620	18.5	
4	5211	19	
4.5	4730	19.5	
5	4723	20	
5.5	4147	20.5	
6	3654	21	
6.5	3267	21.5	
7	3125	22	
7.5	3132	22.5	
8	3149	23	
8.5	3275	23.5	
9	3265	24	
9.5	3077	24.5	
9' 10"	2756	25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site
DOWNHOLE FIELD LOG
Project #25585XG

Date: 08-27-01

Instrument Model # Ludlum 2221
 Serial # 127242
 Probe Model # PR 44-10
 Serial # 168148

• Shielded (2")

Technician: Jason Howard
 Operational Check: 16850cpm

Cutoff Value = 7.2pCi/gm =
18,804 counts per 30 Sec.

Boring # M.9 – 8.5 (Max Depth 9 ft 2 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3054	15.5	
1	8392	16	
1.5	12610	16.5	
2	17751	17	
2.5	24899	17.5	
3	25581	18	
3.5	13267	18.5	
4	8289	19	
4.5	6270	19.5	
5	2962	20	
5.5	4230	20.5	
6	3269	21	
6.5	3288	21.5	
7	3425	22	
7.5	3567	22.5	
8	3220	23	
8.5	3370	23.5	
9	2834	24	
9' 2"	2802	24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site
 DOWNHOLE FIELD LOG
 Project #25585XG

Date: 08-27-01

Instrument Model # Ludlum 2221

Technician: Toby Shewan

Operational Check: 18700cpm

Serial # 132844

Probe Model # PR 44-10

Serial # 168144

Cutoff Value = 7.2pCi/gm =

- Shielded (2")

18,059 counts per 30 Sec.

Boring # M.9 – 9.1 (Max Depth 9 ft 8 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2018	15.5	
1	2849	16	
1.5	6642	16.5	
2	10235	17	
2.5	9888	17.5	
3	6513	18	
3.5	5083	18.5	
4	4168	19	
4.5	3953	19.5	
5	4664	20	
5.5	6652	20.5	
6	6886	21	
6.5	4927	21.5	
7	3701	22	
7.5	3805	22.5	
8	3939	23	
8.5	3340	23.5	
9	3402	24	
9.5	3323	24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site

DOWNHOLE FIELD LOG

Project #25585XG

Date: 08-27-01

Instrument Model # Ludlum 2221

Technician: Toby Shewan

Operational Check: 18700cpm

Serial # 132844

Probe Model # PR 44-10

Serial # 168144

Cutoff Value = 7.2pCi/gm =

• Shielded (2")

18,059 counts per 30 Sec.

Boring # M.9 – 10.7 (Max Depth 9 ft 11 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2743	15.5	
1	4201	16	
1.5	4553	16.5	
2	4226	17	
2.5	3681	17.5	
3	4031	18	
3.5	4234	18.5	
4	4058	19	
4.5	4064	19.5	
5	4245	20	
5.5	4422	20.5	
6	5280	21	
6.5	5153	21.5	
7	4038	22	
7.5	3396	22.5	
8	3141	23	
8.5	2928	23.5	
9	2781	24	
9.5	3232	24.5	
9' 11"	2975	25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site
 DOWNHOLE FIELD LOG
 Project #25585XG

Date: 08-27-01

Instrument Model # Ludlum 2221

Technician: Jason Howard

Serial # 127242

Operational Check: 16850cpm

Probe Model # PR 44-10

Serial # 168148

Cutoff Value = 7.2pCi/gm =

• Shielded (2")

18,804 counts per 30 Sec.

Boring # M.9 – 11.3 (Max Depth 9 ft 2 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3843	15.5	
1	4434	16	
1.5	4445	16.5	
2	4247	17	
2.5	4433	17.5	
3	4157	18	
3.5	4397	18.5	
4	4465	19	
4.5	4139	19.5	
5	4238	20	
5.5	4601	20.5	
6	4513	21	
6.5	4283	21.5	
7	3261	22	
7.5	3117	22.5	
8	2870	23	
8.5	2767	23.5	
9	2881	24	
9' 2"	2820	24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site

DOWNHOLE FIELD LOG

Project #25585XG

Date: 08-27-01

Instrument Model # Ludlum 2221

Serial # 127242

Probe Model # PR 44-10

Serial # 168148

• Shielded (2")

Technician: Jason Howard

Operational Check: 16850cpm

Cutoff Value = 7.2pCi/gm =

18,804 counts per 30 Sec.

Boring # M.9 – 11.9 (Max Depth 8 ft 8 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3897	15.5	
1	5952	16	
1.5	7881	16.5	
2	8713	17	
2.5	7996	17.5	
3	7670	18	
3.5	7345	18.5	
4	6725	19	
4.5	4586	19.5	
5	3985	20	
5.5	3714	20.5	
6	3855	21	
6.5	3303	21.5	
7	3226	22	
7.5	3223	22.5	
8	3822	23	
8.5	3609	23.5	
8' 8"	3488	24	
9.5		24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site
 DOWNHOLE FIELD LOG
 Project #25585XG

Date: 08-27-01

Instrument Model # Ludlum 2221

Serial # 132844

Probe Model # PR 44-10

Serial # 168144

• Shielded (2")

Technician: Toby Shewan

Operational Check: 18700cpm

Cutoff Value = 7.2pCi/gm =

18,059 counts per 30 Sec.

Boring # M.9 – 12.5 (Max Depth 9 ft 9 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3271	15.5	
1	4921	16	
1.5	6911	16.5	
2	8678	17	
2.5	9129	17.5	
3	9422	18	
3.5	8831	18.5	
4	8391	19	
4.5	7479	19.5	
5	7024	20	
5.5	5013	20.5	
6	3467	21	
6.5	2993	21.5	
7	3109	22	
7.5	3167	22.5	
8	3078	23	
8.5	3150	23.5	
9	2906	24	
9.5	2706	24.5	
9' 9"	2767	25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site

DOWNHOLE FIELD LOG

Project #25585XG

Date: 08-27-01

Instrument Model #: Ludlum 2221

Technician: Jason Howard

Operational Check: 16850cpm

Serial #: 127242

Probe Model #: PR 44-10

Serial #: 168148

Cutoff Value = 7.2pCi/gm =

• Shielded (2")

18,804 counts per 30 Sec.

Boring # M.9 - 13 (Max Depth 9 ft 3 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	5068	15.5	
1	7818	16	
1.5	8748	16.5	
2	8469	17	
2.5	8400	17.5	
3	7445	18	
3.5	7442	18.5	
4	7549	19	
4.5	6142	19.5	
5	3358	20	
5.5	2944	20.5	
6	3062	21	
6.5	2874	21.5	
7	2916	22	
7.5	2903	22.5	
8	2955	23	
8.5	2920	23.5	
9	2844	24	
9' 3"	2711	24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site
 DOWNHOLE FIELD LOG
 Project #25585XG

Date: 08-27-01

Instrument Model # Ludlum 2221

Technician: Jason Howard

Operational Check: 16850cpm

Serial # 127242

Probe Model # PR 44-10

Serial # 168148

Cutoff Value = 7.2pCi/gm =

• Shielded (2")

18,804 counts per 30 Sec.

Boring # M.9 – 13.6 (Max Depth 9 ft 2 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	4178	15.5	
1	8088	16	
1.5	8484	16.5	
2	9594	17	
2.5	9713	17.5	
3	9494	18	
3.5	8985	18.5	
4	8336	19	
4.5	7132	19.5	
5	4392	20	
5.5	3727	20.5	
6	3674	21	
6.5	3718	21.5	
7	3809	22	
7.5	3960	22.5	
8	3542	23	
8.5	3310	23.5	
9	2970	24	
9.5	2857	24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site

DOWNHOLE FIELD LOG

Project #25585XG

Date: 08-27-01

Instrument Model # Ludlum 2221
Serial # 132844
Probe Model # PR 44-10
Serial # 168144

Technician: Toby Shewan

Operational Check: 18700cpm

• Shielded (2")

Cutoff Value = 7.2pCi/gm =
18,059 counts per 30 Sec.

Boring # M.9 – 14.1 (Max Depth 9 ft 6 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2913	15.5	
1	4016	16	
1.5	6912	16.5	
2	9139	17	
2.5	9763	17.5	
3	9994	18	
3.5	10065	18.5	
4	10029	19	
4.5	9718	19.5	
5	8719	20	
5.5	5275	20.5	
6	3441	21	
6.5	3069	21.5	
7	3060	22	
7.5	3349	22.5	
8	3198	23	
8.5	3318	23.5	
9	3558	24	
9.5	3405	24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site
DOWNHOLE FIELD LOG
Project #25585XG

Date: 08-27-01

Instrument Model # Ludlum 2221

Serial # 132844

Probe Model # PR 44-10

Serial # 168144

• Shielded (2")

Technician: Toby Shewan

Operational Check: 18700cpm

Cutoff Value = 7.2pCi/gm =

18,059 counts per 30 Sec.

Boring # M.9 – 14.7 (Max Depth 9 ft 11 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2701	15.5	
1	3302	16	
1.5	4524	16.5	
2	6194	17	
2.5	8177	17.5	
3	9051	18	
3.5	8823	18.5	
4	8371	19	
4.5	7527	19.5	
5	5013	20	
5.5	3394	20.5	
6	2534	21	
6.5	2948	21.5	
7	3151	22	
7.5	2926	22.5	
8	3029	23	
8.5	3161	23.5	
9	3377	24	
9.5	3242	24.5	
9' 11"	3069	25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site
DOWNHOLE FIELD LOG
Project #25585XG

Date: 08-24-01

Instrument Model # Ludlum 2221
Serial # 127242
Probe Model # PR 44-10
Serial # 168148

• Shielded (2")

Technician: Jason Howard
Operational Check: 17200cpm

Cutoff Value = 7.2pCi/gm =
18,804 counts per 30 Sec.

Boring # M.9 – 15.3 (Max Depth 8 ft 8 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2900	15.5	
1	4010	16	
1.5	6371	16.5	
2	6144	17	
2.5	7323	17.5	
3	7895	18	
3.5	7971	18.5	
4	7706	19	
4.5	7294	19.5	
5	3122	20	
5.5	2846	20.5	
6	2996	21	
6.5	2850	21.5	
7	2716	22	
7.5	2902	22.5	
8	3036	23	
8.5	3369	23.5	
8' 8"	3299	24	
9.5		24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site
 DOWNHOLE FIELD LOG
 Project #25585XG

Date: 08-27-01

Instrument Model # Ludlum 2221

Technician: Jason Howard

Operational Check: 16850cpm

Serial # 127242

Probe Model # PR 44-10

Serial # 168148

Cutoff Value = 7.2pCi/gm =

• Shielded (2")

18,804 counts per 30 Sec.

Boring # M.9 – 15.8 (Max Depth 8 ft 8 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3045	15.5	
1	4797	16	
1.5	7199	16.5	
2	8544	17	
2.5	9106	17.5	
3	9305	18	
3.5	9028	18.5	
4	8241	19	
4.5	5904	19.5	
5	3675	20	
5.5	2660	20.5	
6	2926	21	
6.5	2728	21.5	
7	2698	22	
7.5	2814	22.5	
8	3151	23	
8.5	3441	23.5	
8' 8"	3708	24	
9.5		24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site

DOWNHOLE FIELD LOG

Project #25585XG

Date: 08-27-01

Instrument Model # Ludlum 2221

Technician: Toby Shewan

Operational Check: 18700cpm

Serial # 132844

Probe Model # PR 44-10

Serial # 168144

Cutoff Value = 7.2pCi/gm =

18,059 counts per 30 Sec.

• Shielded (2")

Boring # M.9 – 16.4 (Max Depth 9 ft 10 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2805	15.5	
1	3858	16	
1.5	4885	16.5	
2	5567	17	
2.5	7762	17.5	
3	8831	18	
3.5	8939	18.5	
4	8923	19	
4.5	8672	19.5	
5	7968	20	
5.5	5711	20.5	
6	3270	21	
6.5	3062	21.5	
7	2912	22	
7.5	2920	22.5	
8	2832	23	
8.5	2847	23.5	
9	3092	24	
9.5	3768	24.5	
9' 10"	4081	25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site
 DOWNHOLE FIELD LOG
 Project #25585XG

Date: 08-27-01

Instrument Model # Ludlum 2221

Serial # 132844

Probe Model # PR 44-10

Serial # 168144

• Shielded (2")

Technician: Toby Shewan

Operational Check: 18700cpm

Cutoff Value = 7.2pCi/gm =

18,059 counts per 30 Sec.

Boring # M.9 – 16.9 (Max Depth 9 ft 9 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3209	15.5	
1	4925	16	
1.5	5266	16.5	
2	6122	17	
2.5	7957	17.5	
3	8687	18	
3.5	8585	18.5	
4	8372	19	
4.5	7162	19.5	
5	5884	20	
5.5	3663	20.5	
6	2746	21	
6.5	3322	21.5	
7	2911	22	
7.5	2969	22.5	
8	3298	23	
8.5	3283	23.5	
9	3377	24	
9.5	3742	24.5	
9' 9"	3891	25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site

DOWNHOLE FIELD LOG

Project #25585XG

Date: 08-27-01

Instrument Model # Ludlum 2221

Technician: Toby Shewan

Operational Check: 18700cpm

Serial # 132844

Probe Model # PR 44-10

Serial # 168144

Cutoff Value = 7.2pCi/gm =

18,059 counts per 30 Sec.

• Shielded (2")

Boring # M.9 – 17.5 (Max Depth 9 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2914	15.5	
1	4537	16	
1.5	6350	16.5	
2	4669	17	
2.5	3166	17.5	
3	2880	18	
3.5	2770	18.5	
4	2769	19	
4.5	2526	19.5	
5	2500	20	
5.5	2559	20.5	
6	2539	21	
6.5	2500	21.5	
7	2725	22	
7.5	2740	22.5	
8	2774	23	
8.5	2708	23.5	
9	2602	24	
9.5		24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site
 DOWNHOLE FIELD LOG
 Project #25585XG

Date: 08-27-01

Instrument Model # Ludlum 2221

Serial # 132844

Probe Model # PR 44-10

Serial # 168144

• Shielded (2")

Technician: Toby Shewan

Operational Check: 18700cpm

Cutoff Value = 7.2pCi/gm =

18,059 counts per 30 Sec.

Boring # M.9 - 18 (Max Depth 9 ft 7 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2892	15.5	
1	4697	16	
1.5	6280	16.5	
2	8389	17	
2.5	8655	17.5	
3	7724	18	
3.5	5770	18.5	
4	5539	19	
4.5	7149	19.5	
5	8386	20	
5.5	5754	20.5	
6	4011	21	
6.5	4276	21.5	
7	3693	22	
7.5	2837	22.5	
8	2677	23	
8.5	2813	23.5	
9	2676	24	
9.5	2577	24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site

DOWNHOLE FIELD LOG

Project #25585XG

Date: 08-27-01

Instrument Model # Ludlum 2221

Technician: Toby Shewan

Operational Check: 18700cpm

Serial # 132844

Probe Model # PR 44-10

Serial # 168144

Cutoff Value = 7.2pCi/gm =

18,059 counts per 30 Sec.

• Shielded (2")

Boring # M.9 – 18.6 (Max Depth 9 ft 5 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2919	15.5	
1	4775	16	
1.5	5067	16.5	
2	5659	17	
2.5	6208	17.5	
3	5892	18	
3.5	6289	18.5	
4	7092	19	
4.5	6378	19.5	
5	5206	20	
5.5	4763	20.5	
6	4283	21	
6.5	4030	21.5	
7	3932	22	
7.5	3820	22.5	
8	4012	23	
8.5	4950	23.5	
9	4989	24	
9' 5"	4077	24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/26/01

Technician: Toby Shewan

Operational Check: 18,900

Instrument Model No.: Ludlum 2221

Serial No: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

18,059 counts per 30 Sec.

* Shielded (2")

Boring No.: M.9 – 27

(Max Depth 14 ft)

Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	3541	15.5	
1	6370	16	
1.5	8045	16.5	
2	8559	17	
2.5	8352	17.5	
3	8031	18	
3.5	8117	18.5	
4	7823	19	
4.5	7354	19.5	
5	6669	20	
5.5	6699	20.5	
6	6967	21	
6.5	5202	21.5	
7	3615	22	
7.5	3664	22.5	
8	3621	23	
8.5	3413	23.5	
9	4310	24	
9.5	4447	24.5	
10	4405	25	
10.5	4567	25.5	
11	4703	26	
11.5	4538	26.5	
12	4358	27	
12.5	3618	27.5	
13	2655	28	
13.5	2460	28.5	
14	2526	29	
14.5		29.5	
15		30	

GMO Site

DOWNHOLE FIELD LOG

Project #25585XG

Date: 08-24-01

Instrument Model # Ludlum 2221

Technician: Jason Howard

Operational Check: 17200cpm

Serial # 127242

Probe Model # PR 44-10

Serial # 168148

Cutoff Value = 7.2pCi/gm =

18,804 counts per 30 Sec.

• Shielded (2")

Boring # N - 11.1 (Max Depth 8 ft 8 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3043	15.5	
1	5743	16	
1.5	4592	16.5	
2	4005	17	
2.5	3942	17.5	
3	3796	18	
3.5	3726	18.5	
4	3920	19	
4.5	4149	19.5	
5	4548	20	
5.5	4433	20.5	
6	4797	21	
6.5	4469	21.5	
7	3937	22	
7.5	3400	22.5	
8	3196	23	
8.5	3125	23.5	
8' 8"	2913	24	
9.5		24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site
DOWNHOLE FIELD LOG
Project #25585XG

Date: 08-24-01

Instrument Model # Ludlum 2221

Serial # 132844

Probe Model # PR 44-10

Serial # 168144

Technician: Glen Huber

Operational Check: 18660cpm

• Shielded (2")

Cutoff Value = 7.2pCi/gm =

18,059 counts per 30 Sec.

Boring # N – 11.6 (Max Depth 8 ft 8 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3014	15.5	
1	4417	16	
1.5	4292	16.5	
2	4215	17	
2.5	4285	17.5	
3	4548	18	
3.5	4712	18.5	
4	4891	19	
4.5	4743	19.5	
5	4558	20	
5.5	4602	20.5	
6	4394	21	
6.5	4373	21.5	
7	4195	22	
7.5	3545	22.5	
8	2362	23	
8.5	2035	23.5	
8' 8"	1917	24	
9.5		24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site
DOWNHOLE FIELD LOG
Project #25585XG

Date: 08-24-01

Instrument Model # Ludlum 2221

Technician: Glen Huber

Operational Check: 18660cpm

Serial # 132844

Probe Model # PR 44-10

Serial # 168144

Cutoff Value = 7.2pCi/gm =

18,059 counts per 30 Sec.

• Shielded (2")

Boring # N - 12.2 (Max Depth 9 ft 6 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3350	15.5	
1	5846	16	
1.5	6149	16.5	
2	4470	17	
2.5	3569	17.5	
3	3526	18	
3.5	3710	18.5	
4	4246	19	
4.5	4109	19.5	
5	4087	20	
5.5	3990	20.5	
6	3898	21	
6.5	4336	21.5	
7	4253	22	
7.5	3653	22.5	
8	3456	23	
8.5	3312	23.5	
9	2957	24	
9.5	2931	24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site
 DOWNHOLE FIELD LOG
 Project #25585XG

Date: 08-24-01

Instrument Model # Ludlum 2221

Serial # 132844

Probe Model # PR 44-10

Serial # 168144

• Shielded (2")

Technician: Glen Huber

Operational Check: 18660cpm

Cutoff Value = 7.2pCi/gm =

18,059 counts per 30 Sec.

Boring # N – 12.8 (Max Depth 8 ft 6 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3779	15.5	
1	4850	16	
1.5	4509	16.5	
2	3819	17	
2.5	3611	17.5	
3	3446	18	
3.5	3597	18.5	
4	3617	19	
4.5	3612	19.5	
5	3433	20	
5.5	2919	20.5	
6	3162	21	
6.5	3024	21.5	
7	2680	22	
7.5	2454	22.5	
8	2090	23	
8.5	1876	23.5	
9		24	
9.5		24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site
DOWNHOLE FIELD LOG
Project #25585XG

Date: 08-24-01

Instrument Model # Ludlum 2221

Technician: Jason Howard

Operational Check: 17200cpm

Serial # 127242

Probe Model # PR 44-10

Serial # 168148

Cutoff Value = 7.2pCi/gm =

• Shielded (2")

18,804 counts per 30 Sec.

Boring # N - 13.3 (Max Depth 7 ft 9 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3765	15.5	
1	4011	16	
1.5	4102	16.5	
2	4217	17	
2.5	4128	17.5	
3	4083	18	
3.5	4146	18.5	
4	4046	19	
4.5	3374	19.5	
5	3081	20	
5.5	3070	20.5	
6	3432	21	
6.5	3732	21.5	
7	3669	22	
7.5	2991	22.5	
7' 9"	2874	23	
8.5		23.5	
9		24	
9.5		24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site
 DOWNHOLE FIELD LOG
 Project #25585XG

Date: 08-24-01

Instrument Model # Ludlum 2221

Serial # 127242

Probe Model # PR 44-10

Serial # 168148

• Shielded (2")

Technician: Jason Howard

Operational Check: 17200cpm

Cutoff Value = 7.2pCi/gm =

18,804 counts per 30 Sec.

Boring # N - 13.8 (Max Depth 8 ft 8 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2957	15.5	
1	3969	16	
1.5	5716	16.5	
2	5181	17	
2.5	4534	17.5	
3	4578	18	
3.5	4295	18.5	
4	4101	19	
4.5	4202	19.5	
5	3933	20	
5.5	3612	20.5	
6	2898	21	
6.5	2984	21.5	
7	3039	22	
7.5	2744	22.5	
8	2132	23	
8.5	1851	23.5	
8' 8"	1864	24	
9.5		24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site

DOWNHOLE FIELD LOG

Project #25585XG

Date: 08-24-01

Instrument Model # Ludlum 2221

Serial # 132844

Probe Model # PR 44-10

Serial # 168144

Technician: Glen Huber

Operational Check: 18660cpm

• Shielded (2")

Cutoff Value = 7.2pCi/gm =

18,059 counts per 30 Sec.

Boring # N - 14.4 (Max Depth 8 ft 8 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2244	15.5	
1	3109	16	
1.5	3416	16.5	
2	3856	17	
2.5	4595	17.5	
3	4822	18	
3.5	5762	18.5	
4	5671	19	
4.5	5505	19.5	
5	5737	20	
5.5	3934	20.5	
6	4119	21	
6.5	3664	21.5	
7	3539	22	
7.5	3502	22.5	
8	3589	23	
8.5	3379	23.5	
8' 8"	3100	24	
9.5		24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site

DOWNHOLE FIELD LOG

Project #25585XG

Date: 08-24-01

Instrument Model # Ludlum 2221

Technician: Glen Huber

Serial # 132844

Operational Check: 18660cpm

Probe Model # PR 44-10

Serial # 168144

Cutoff Value = 7.2pCi/gm =

• Shielded (2")

18,059 counts per 30 Sec.

Boring # N - 15 (Max Depth 8 ft 8 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2364	15.5	
1	2820	16	
1.5	3374	16.5	
2	3333	17	
2.5	3500	17.5	
3	3993	18	
3.5	4487	18.5	
4	4310	19	
4.5	4387	19.5	
5	4229	20	
5.5	3864	20.5	
6	3188	21	
6.5	2860	21.5	
7	3013	22	
7.5	2965	22.5	
8	2617	23	
8.5	2510	23.5	
8' 8"	1910	24	
9.5		24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site

DOWNHOLE FIELD LOG

Project #25585XG

Date: 08-24-01

Instrument Model # Ludlum 2221

Serial # 127242

Probe Model # PR 44-10

Serial # 168148

Technician: Jason Howard

Operational Check: 17200cpm

• Shielded (2")

Cutoff Value = 7.2pCi/gm =

18,804 counts per 30 Sec.

Boring # N - 15.5 (Max Depth 8 ft 8 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3046	15.5	
1	3722	16	
1.5	3120	16.5	
2	3414	17	
2.5	3958	17.5	
3	4363	18	
3.5	4919	18.5	
4	4803	19	
4.5	4395	19.5	
5	3455	20	
5.5	3395	20.5	
6	3143	21	
6.5	3160	21.5	
7	3226	22	
7.5	3161	22.5	
8	2988	23	
8.5	2697	23.5	
8' 8"	2790	24	
9.5		24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site
DOWNHOLE FIELD LOG
Project #25585XG

Date: 08-24-01

Instrument Model # Ludlum 2221

Serial # 127242

Probe Model # PR 44-10

Serial # 168148

• Shielded (2")

Technician: Jason Howard

Operational Check: 17200cpm

Cutoff Value = 7.2pCi/gm =

18,804 counts per 30 Sec.

Boring # N - 16.1 (Max Depth 8 ft 7 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2185	15.5	
1	3104	16	
1.5	4383	16.5	
2	4806	17	
2.5	3864	17.5	
3	3948	18	
3.5	4484	18.5	
4	5181	19	
4.5	5528	19.5	
5	4757	20	
5.5	4384	20.5	
6	3692	21	
6.5	3360	21.5	
7	3567	22	
7.5	3057	22.5	
8	2459	23	
8.5	2071	23.5	
8' 7"	1839	24	
9.5		24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site
DOWNHOLE FIELD LOG
Project #25585XG

Date: 08-24-01

Instrument Model # Ludlum 2221
 Serial # 127242
 Probe Model # PR 44-10
 Serial # 168148

• Shielded (2")

Technician: Jason Howard
 Operational Check: 17200cpm

Cutoff Value = 7.2pCi/gm =
18,804 counts per 30 Sec.

Boring # N - 16.5 (Max Depth 8 ft 7 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3078	15.5	
1	4340	16	
1.5	4721	16.5	
2	3588	17	
2.5	3591	17.5	
3	4022	18	
3.5	4739	18.5	
4	5294	19	
4.5	5654	19.5	
5	4357	20	
5.5	3960	20.5	
6	3885	21	
6.5	4262	21.5	
7	3564	22	
7.5	2901	22.5	
8	2764	23	
8.5	2623	23.5	
8' 7"	2505	24	
9.5		24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site
DOWNHOLE FIELD LOG
Project #25585XG

Date: 08-24-01

Instrument Model # Ludlum 2221

Serial # 132844

Probe Model # PR 44-10

Serial # 168144

• Shielded (2")

Technician: Glen Huber

Operational Check: 18660cpm

Cutoff Value = 7.2pCi/gm =

18,059 counts per 30 Sec.

Boring # N – 17.2 (Max Depth 9 ft 6 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2501	15.5	
1	3847	16	
1.5	4090	16.5	
2	3333	17	
2.5	3386	17.5	
3	3934	18	
3.5	4597	18.5	
4	4721	19	
4.5	4824	19.5	
5	4854	20	
5.5	4876	20.5	
6	4254	21	
6.5	3733	21.5	
7	3477	22	
7.5	2911	22.5	
8	2260	23	
8.5	1995	23.5	
9	2046	24	
9.5	2040	24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site

DOWNHOLE FIELD LOG

Project #25585XG

Date: 08-24-01

Instrument Model #: Ludlum 2221

Technician: Jason Howard

Operational Check: 17200cpm

Serial #: 127242

Probe Model #: PR 44-10

Serial #: 168148

Cutoff Value = 7.2pCi/gm =

• Shielded (2")

18,804 counts per 30 Sec.

Boring # N - 17.8 (Max Depth 8 ft 8 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2895	15.5	
1	4258	16	
1.5	3902	16.5	
2	3852	17	
2.5	4551	17.5	
3	5263	18	
3.5	4928	18.5	
4	4678	19	
4.5	4150	19.5	
5	3894	20	
5.5	3551	20.5	
6	3325	21	
6.5	2820	21.5	
7	2532	22	
7.5	2636	22.5	
8	2552	23	
8.5	2624	23.5	
8' 8"	2534	24	
9.5		24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site

DOWNHOLE FIELD LOG

Project #25585XG

Date: 08-27-01

Instrument Model # Ludlum 2221

Technician: Jason Howard

Operational Check: 16850cpm

Serial # 127242

Probe Model # PR 44-10

Serial # 168148

Cutoff Value = 7.2pCi/gm =

• Shielded (2")

18,804 counts per 30 Sec.

Boring # N - 18.4 (Max Depth 9 ft 7 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2233	15.5	
1	3929	16	
1.5	4702	16.5	
2	5480	17	
2.5	5445	17.5	
3	5238	18	
3.5	5729	18.5	
4	5579	19	
4.5	4537	19.5	
5	5109	20	
5.5	5206	20.5	
6	3885	21	
6.5	3466	21.5	
7	3171	22	
7.5	2790	22.5	
8	2680	23	
8.5	2622	23.5	
9	2587	24	
9.5	2628	24.5	
9' 7"	2538	25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site

DOWNHOLE FIELD LOG

Project #25585XG

Date: 08-27-01

Instrument Model # Ludlum 2221
Serial # 132844
Probe Model # PR 44-10
Serial # 168144

• Shielded (2")

Technician: Toby Shewan

Operational Check: 18700cpm

Cutoff Value = 7.2pCi/gm =

18,059 counts per 30 Sec.

Boring # N - 18.9 (Max Depth 13 ft 8 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3567	15.5	
1	6396	16	
1.5	8362	16.5	
2	8690	17	
2.5	7870	17.5	
3	6911	18	
3.5	4641	18.5	
4	3034	19	
4.5	2505	19.5	
5	2468	20	
5.5	2666	20.5	
6	2402	21	
6.5	2304	21.5	
7	2578	22	
7.5	3245	22.5	
8	2733	23	
8.5	2545	23.5	
9	2592	24	
9.5	2390	24.5	
10	2492	25	
10.5	2262	25.5	
11	2083	26	
11.5	1990	26.5	
12	1864	27	
12.5	1857	27.5	
13	1984	28	
13.5	2233	28.5	
14		29	
14.4		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/22/01

Technician: Toby Shewan

Instrument Model No.: Ludlum 2221

Operational Check: 18,997

Serial No: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 Sec.

Boring No.: N - 19.5

(Max Depth 11'9" ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3170	15.5	
1	4086	16	
1.5	6135	16.5	
2	8252	17	
2.5	9284	17.5	
3	9191	18	
3.5	9238	18.5	
4	8927	19	
4.5	8190	19.5	
5	8512	20	
5.5	8484	20.5	
6	7848	21	
6.5	6938	21.5	
7	4279	22	
7.5	4823	22.5	
8	4122	23	
8.5	3887	23.5	
9	3494	24	
9.5	3320	24.5	
10	3180	25	
10.5	2995	25.5	
11	2575	26	
11.5	2265	26.5	
11.9	2331	27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/23/01

Technician: Toby Shewan

Instrument Model No.: Ludlum 2221

Operational Check: 18,443

Serial No.: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 Sec.

Boring No.: N - 20.6

(Max Depth 18.5 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2862	15.5	2379
1	4941	16	2366
1.5	6944	16.5	2313
2	6965	17	2230
2.5	7301	17.5	2352
3	7446	18	2307
3.5	7338	18.5	2383
4	6836	19	
4.5	5754	19.5	
5	5969	20	
5.5	4851	20.5	
6	5576	21	
6.5	5727	21.5	
7	4055	22	
7.5	3798	22.5	
8	3362	23	
8.5	3236	23.5	
9	3107	24	
9.5	3158	24.5	
10	3202	25	
10.5	3109	25.5	
11	2821	26	
11.5	2780	26.5	
12	2532	27	
12.5	2527	27.5	
13	2462	28	
13.5	2264	28.5	
14	2425	29	
14.5	2215	29.5	
15	2264	30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/23/01

Technician: Toby Shewan

Instrument Model No.: Ludlum 2221

Operational Check: 18,443

Serial No: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

18,059 counts per 30 Sec.

* Shielded (2")

Boring No.: N - 21.1

(Max Depth 15'10" ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2399	15.5	2112
1	3232	15'10"	2270
1.5	4569	16.5	
2	6050	17	
2.5	5826	17.5	
3	5410	18	
3.5	5808	18.5	
4	5965	19	
4.5	5832	19.5	
5	5802	20	
5.5	5972	20.5	
6	5656	21	
6.5	5599	21.5	
7	5125	22	
7.5	3725	22.5	
8	4376	23	
8.5	4169	23.5	
9	4153	24	
9.5	3851	24.5	
10	4012	25	
10.5	4076	25.5	
11	3858	26	
11.5	4009	26.5	
12	3946	27	
12.5	3539	27.5	
13	2870	28	
13.5	2646	28.5	
14	2561	29	
14.5	2400	29.5	
15	2222	30	

**GMO Site
Down Hole Field Log
Project No. 25585XG**

Date: 10/23/01

Technician: Toby Shewan

Instrument Model No.: Ludlum 2221

Operational Check: 18,443

Serial No.: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 Sec.

**Boring No.: N - 21.8
(Max Depth 16'3" ft)**

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2734	15.5	2371
1	3517	16	2402
1.5	4695	16'3"	2361
2	5080	17	
2.5	4907	17.5	
3	5193	18	
3.5	4703	18.5	
4	4665	19	
4.5	4639	19.5	
5	4549	20	
5.5	4024	20.5	
6	3325	21	
6.5	2852	21.5	
7	2850	22	
7.5	3414	22.5	
8	3072	23	
8.5	2710	23.5	
9	2719	24	
9.5	2586	24.5	
10	2546	25	
10.5	2431	25.5	
11	2356	26	
11.5	2301	26.5	
12	2201	27	
12.5	2263	27.5	
13	2345	28	
13.5	1982	28.5	
14	1978	29	
14.5	2154	29.5	
15	2262	30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/23/01

Technician: Toby Shewan

Instrument Model No.: Ludlum 2221

Operational Check: 18,443

Serial No: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

18,059 counts per 30 Sec.

* Shielded (2")

Boring No.: N - 22.2

(Max Depth 13.5 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3322	15.5	
1	5316	16	
1.5	5909	16.5	
2	5959	17	
2.5	5920	17.5	
3	6598	18	
3.5	6704	18.5	
4	6627	19	
4.5	7137	19.5	
5	7727	20	
5.5	7937	20.5	
6	5571	21	
6.5	3984	21.5	
7	3398	22	
7.5	4253	22.5	
8	4294	23	
8.5	3811	23.5	
9	3459	24	
9.5	3670	24.5	
10	3463	25	
10.5	3181	25.5	
11	3436	26	
11.5	3529	26.5	
12	3457	27	
12.5	3170	27.5	
13	2981	28	
13.5	3084	28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/23/01

Technician: Toby Shewan

Instrument Model No.: Ludlum 2221

Operational Check: 18,443

Serial No.: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =
18,059 counts per 30 Sec.

* Shielded (2")

Boring No.: N - 22.8
(Max Depth 14'3" ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2543	15.5	
1	3732	16	
1.5	6507	16.5	
2	8454	17	
2.5	8880	17.5	
3	8483	18	
3.5	8326	18.5	
4	8582	19	
4.5	7991	19.5	
5	7634	20	
5.5	6893	20.5	
6	6732	21	
6.5	6856	21.5	
7	6190	22	
7.5	4111	22.5	
8	3756	23	
8.5	3523	23.5	
9	3435	24	
9.5	3910	24.5	
10	4202	25	
10.5	4104	25.5	
11	3845	26	
11.5	5330	26.5	
12	3246	27	
12.5	3015	27.5	
13	2906	28	
13.5	2639	28.5	
14	2480	29	
14.3	2415	29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/24/01

Technician: Toby Shewan

Instrument Model No.: Ludlum 2221

Operational Check: 18,205

Serial No: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 Sec.

Boring No.: N - 23.3

(Max Depth 13'4" ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	3167	15.5	
1	5508	16	
1.5	6945	16.5	
2	7686	17	
2.5	8413	17.5	
3	7917	18	
3.5	7521	18.5	
4	6260	19	
4.5	6082	19.5	
5	7354	20	
5.5	7883	20.5	
6	8259	21	
6.5	5937	21.5	
7	4843	22	
7.5	4179	22.5	
8	3649	23	
8.5	3770	23.5	
9	3701	24	
9.5	3660	24.5	
10	3722	25	
10.5	3991	25.5	
11	4158	26	
11.5	4500	26.5	
12	4107	27	
12.5	3806	27.5	
13	3573	28	
13.4	3471	28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/24/01

Technician: Toby Shewan

Instrument Model No.: Ludlum 2221

Operational Check: 18,205

Serial No.: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 Sec.

Boring No.: N - 23.9
(Max Depth 12.9 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2818	15.5	
1	5034	16	
1.5	7062	16.5	
2	7746	17	
2.5	8562	17.5	
3	7312	18	
3.5	6618	18.5	
4	6017	19	
4.5	5472	19.5	
5	4744	20	
5.5	4855	20.5	
6	5380	21	
6.5	6052	21.5	
7	6520	22	
7.5	6097	22.5	
8	5033	23	
8.5	4142	23.5	
9	3664	24	
9.5	3410	24.5	
10	3724	25	
10.5	3119	25.5	
11	2790	26	
11.5	2479	26.5	
12	2220	27	
12.5	2279	27.5	
12.9	2171	28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/24/01

Technician: Toby Shewan

Instrument Model No.: Ludlum 2221

Operational Check: 18,205

Serial No: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 Sec.

Boring No.: N - 25
(Max Depth 13.5 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	993	15.5	
1	2569	16	
1.5	3673	16.5	
2	3766	17	
2.5	3476	17.5	
3	3434	18	
3.5	3659	18.5	
4	3795	19	
4.5	3983	19.5	
5	3882	20	
5.5	3993	20.5	
6	3654	21	
6.5	3409	21.5	
7	3137	22	
7.5	2471	22.5	
8	2273	23	
8.5	2368	23.5	
9	2406	24	
9.5	2161	24.5	
10	1764	25	
10.5	1991	25.5	
11	2576	26	
11.5	2689	26.5	
12	2512	27	
12.5	2784	27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

**GMO Site
Down Hole Field Log
Project No. 25585XG**

Date: 10/25/01

Technician: Toby Shewan

Instrument Model No.: Ludlum 2221

Operational Check: 18,205

Serial No.: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 Sec.

**Boring No.: N - 25.6
(Max Depth 12.8 ft)**

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2806	15.5	
1	4946	16	
1.5	6848	16.5	
2	7115	17	
2.5	7715	17.5	
3	7554	18	
3.5	7210	18.5	
4	7422	19	
4.5	8035	19.5	
5	8521	20	
5.5	8880	20.5	
6	8595	21	
6.5	6841	21.5	
7	4324	22	
7.5	3900	22.5	
8	4443	23	
8.5	3613	23.5	
9	3380	24	
9.5	3527	24.5	
10	3846	25	
10.5	3854	25.5	
11	4299	26	
11.5	4640	26.5	
12	4240	27	
12.5	3607	27.5	
12.8	3356	28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/25/01

Technician: Toby Shewan

Instrument Model No.: Ludlum 2221

Operational Check: 18,205

Serial No: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 Sec.

Boring No.: N - 26.1

(Max Depth 12.5 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	4011	15.5	
1	6415	16	
1.5	7732	16.5	
2	8086	17	
2.5	8011	17.5	
3	7923	18	
3.5	8098	18.5	
4	8305	19	
4.5	8519	19.5	
5	8494	20	
5.5	7151	20.5	
6	4978	21	
6.5	3738	21.5	
7	4298	22	
7.5	3700	22.5	
8	4036	23	
8.5	4067	23.5	
9	3157	24	
9.5	2770	24.5	
10	2504	25	
10.5	2494	25.5	
11	2408	26	
11.5	2409	26.5	
12	2434	27	
12.5	2459	27.5	
13		28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

**GMO Site
Down Hole Field Log
Project No. 25585XG**

Date: 10/25/01

Technician: Toby Shewan

Instrument Model No.: Ludlum 2221

Operational Check: 18,205

Serial No.: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 Sec.

**Boring No.: N - 26.8
(Max Depth 12.10 ft)**

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	5274	15.5	
1	7557	16	
1.5	7922	16.5	
2	8325	17	
2.5	8400	17.5	
3	8381	18	
3.5	8497	18.5	
4	8597	19	
4.5	8607	19.5	
5	8280	20	
5.5	8273	20.5	
6	7808	21	
6.5	6000	21.5	
7	4029	22	
7.5	3761	22.5	
8	4360	23	
8.5	4698	23.5	
9	4343	24	
9.5	4412	24.5	
10	4565	25	
10.5	4190	25.5	
11	4321	26	
11.5	4797	26.5	
12	5461	27	
12.5	5549	27.5	
12.10	5700	28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	

GMO Site
DOWNHOLE FIELD LOG
Project #25585XG

Date: 08-24-01

Instrument Model # Ludlum 2221

Technician: Glen Huber

Operational Check: 18660cpm

Serial # 132844

Probe Model # PR 44-10

Serial # 168144

Cutoff Value = 7.2pCi/gm =

• Shielded (2")

18,059 counts per 30 Sec.

Boring # N.1 – 1.1 (Max Depth 9 ft 5 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2092	15.5	
1	3036	16	
1.5	3441	16.5	
2	3541	17	
2.5	4349	17.5	
3	4681	18	
3.5	4929	18.5	
4	5360	19	
4.5	6095	19.5	
5	5713	20	
5.5	5225	20.5	
6	4624	21	
6.5	4050	21.5	
7	3755	22	
7.5	3841	22.5	
8	3765	23	
8.5	3477	23.5	
9	3064	24	
9' 5"	2898	24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site

DOWNHOLE FIELD LOG

Project #25585XG

Date: 08-24-01

Instrument Model # Ludlum 2221

Technician: Jason Howard

Operational Check: 17200cpm

Serial # 127242

Probe Model # PR 44-10

Serial # 168148

Cutoff Value = 7.2pCi/gm =

18,804 counts per 30 Sec.

• Shielded (2")

Boring # N.1 – 1.6 (Max Depth 8 ft 3 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2564	15.5	
1	3483	16	
1.5	4600	16.5	
2	5507	17	
2.5	5439	17.5	
3	6622	18	
3.5	7839	18.5	
4	8477	19	
4.5	6931	19.5	
5	5165	20	
5.5	5432	20.5	
6	7101	21	
6.5	6454	21.5	
7	4461	22	
7.5	3403	22.5	
8	2655	23	
8' 3"	2485	23.5	
9		24	
9.5		24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site
 DOWNHOLE FIELD LOG
 Project #25585XG

Date: 08-24-01

Instrument Model # Ludlum 2221

Serial # 127242

Probe Model # PR 44-10

Serial # 168148

• Shielded (2")

Technician: Jason Howard

Operational Check: 17200cpm

Cutoff Value = 7.2pCi/gm =

18,804 counts per 30 Sec.

Boring # N.1 – 2.2 (Max Depth 9 ft 8 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2058	15.5	
1	3309	16	
1.5	4463	16.5	
2	4817	17	
2.5	4620	17.5	
3	5829	18	
3.5	7197	18.5	
4	7467	19	
4.5	6309	19.5	
5	4348	20	
5.5	4485	20.5	
6	5065	21	
6.5	5765	21.5	
7	6188	22	
7.5	6770	22.5	
8	6715	23	
8.5	6635	23.5	
9	4546	24	
9.5	3010	24.5	
9' 8"	2610	25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site

DOWNHOLE FIELD LOG

Project #25585XG

Date: 08-24-01

Instrument Model # Ludlum 2221

Technician: Glen Huber

Operational Check: 18660cpm

Serial # 132844

Probe Model # PR 44-10

Serial # 168144

Cutoff Value = 7.2pCi/gm =

- Shielded (2")

18,059 counts per 30 Sec.

Boring # N.1 – 2.7 (Max Depth 9 ft 6 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2295	15.5	
1	3758	16	
1.5	5619	16.5	
2	4640	17	
2.5	4795	17.5	
3	6993	18	
3.5	7462	18.5	
4	7296	19	
4.5	6678	19.5	
5	4101	20	
5.5	3897	20.5	
6	4331	21	
6.5	4852	21.5	
7	6445	22	
7.5	7108	22.5	
8	6111	23	
8.5	4011	23.5	
9	3052	24	
9.5	2681	24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site
 DOWNHOLE FIELD LOG
 Project #25585XG

Date: 08-24-01

Instrument Model # Ludlum 2221

Serial # 132844

Probe Model # PR 44-10

Serial # 168144

• Shielded (2")

Technician: Glen Huber

Operational Check: 18660cpm

Cutoff Value = 7.2pCi/gm =

18,059 counts per 30 Sec.

Boring # N.1 – 3.3 (Max Depth 9 ft 3 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2872	15.5	
1	5359	16	
1.5	6260	16.5	
2	5325	17	
2.5	4914	17.5	
3	5520	18	
3.5	7914	18.5	
4	10589	19	
4.5	9722	19.5	
5	7218	20	
5.5	4222	20.5	
6	3969	21	
6.5	4689	21.5	
7	4695	22	
7.5	4077	22.5	
8	3667	23	
8.5	3077	23.5	
9	2760	24	
9' 3"	2553	24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site

DOWNHOLE FIELD LOG

Project #25585XG

Date: 08-24-01

Instrument Model # Ludlum 2221
Serial # 127242
Probe Model # PR 44-10
Serial # 168148

Technician: Jason Howard

Operational Check: 17200cpm

• Shielded (2")

Cutoff Value = 7.2pCi/gm =
18,804 counts per 30 Sec.

Boring # N.1 – 3.8 (Max Depth 9 ft 8 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2098	15.5	
1	3708	16	
1.5	4873	16.5	
2	5612	17	
2.5	5474	17.5	
3	5100	18	
3.5	5301	18.5	
4	6482	19	
4.5	7056	19.5	
5	7460	20	
5.5	6701	20.5	
6	4850	21	
6.5	4536	21.5	
7	4760	22	
7.5	4348	22.5	
8	4520	23	
8.5	4558	23.5	
9	5680	24	
9.5	3598	24.5	
9' 8"	3035	25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site
DOWNHOLE FIELD LOG
Project #25585XG

Date: 08-24-01

Instrument Model # Ludlum 2221

Serial # 127242

Probe Model # PR 44-10

Serial # 168148

• Shielded (2")

Technician: Jason Howard

Operational Check: 17200cpm

Cutoff Value = 7.2pCi/gm =

18,804 counts per 30 Sec.

Boring # N.1 – 4.4 (Max Depth 9 ft 2 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	1826	15.5	
1	3027	16	
1.5	5003	16.5	
2	5867	17	
2.5	6319	17.5	
3	6243	18	
3.5	6559	18.5	
4	6257	19	
4.5	6999	19.5	
5	7891	20	
5.5	6317	20.5	
6	4848	21	
6.5	4110	21.5	
7	4418	22	
7.5	4765	22.5	
8	4555	23	
8.5	5695	23.5	
9	4137	24	
9' 2"	3526	24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site

DOWNHOLE FIELD LOG

Project #25585XG

Date: 08-24-01

Instrument Model # Ludlum 2221

Technician: Glen Huber

Operational Check: 18660cpm

Serial # 132844

Probe Model # PR 44-10

Serial # 168144

Cutoff Value = 7.2pCi/gm =

- Shielded (2")

18,059 counts per 30 Sec.

Boring # N.1 – 4.9 (Max Depth 9 ft 4 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2419	15.5	
1	4197	16	
1.5	6518	16.5	
2	7458	17	
2.5	5904	17.5	
3	4504	18	
3.5	4641	18.5	
4	6137	19	
4.5	8132	19.5	
5	7594	20	
5.5	6255	20.5	
6	4712	21	
6.5	3631	21.5	
7	3754	22	
7.5	4016	22.5	
8	3952	23	
8.5	3198	23.5	
9	2700	24	
9' 4"	2791	24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site
 DOWNHOLE FIELD LOG
 Project #25585XG

Date: 08-24-01

Instrument Model # Ludlum 2221

Technician: Jason Howard

Operational Check: 17200cpm

Serial # 127242

Probe Model # PR 44-10

Serial # 168148

Cutoff Value = 7.2pCi/gm =

18,804 counts per 30 Sec.

- Shielded (2")

Boring # N.1 – 5.5 (Max Depth 9 ft 2 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2323	15.5	
1	3515	16	
1.5	5549	16.5	
2	5430	17	
2.5	4939	17.5	
3	5043	18	
3.5	6677	18.5	
4	7973	19	
4.5	8707	19.5	
5	8713	20	
5.5	5963	20.5	
6	3444	21	
6.5	2801	21.5	
7	3353	22	
7.5	3612	22.5	
8	3303	23	
8.5	2860	23.5	
9	2632	24	
9' 2"	2722	24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site

DOWNHOLE FIELD LOG

Project #25585XG

Date: 08-24-01

Instrument Model # Ludlum 2221

Technician: Glen Huber

Operational Check: 18660cpm

Serial # 132844

Probe Model # PR 44-10

Serial # 168144

Cutoff Value = 7.2pCi/gm =

• Shielded (2")

18,059 counts per 30 Sec.

Boring # N.1 - 6.1 (Max Depth 9 ft 3 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2255	15.5	
1	2880	16	
1.5	4662	16.5	
2	6077	17	
2.5	5410	17.5	
3	6990	18	
3.5	7254	18.5	
4	6882	19	
4.5	6938	19.5	
5	7040	20	
5.5	6598	20.5	
6	4476	21	
6.5	3634	21.5	
7	3505	22	
7.5	3170	22.5	
8	3200	23	
8.5	2886	23.5	
9	2710	24	
9' 3"	2525	24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site
 DOWNHOLE FIELD LOG
 Project #25585XG

Date: 08-24-01

Instrument Model # Ludlum 2221

Technician: Jason Howard

Operational Check: 17200cpm

Serial # 127242

Probe Model # PR 44-10

Serial # 168148

Cutoff Value = 7.2pCi/gm =

• Shielded (2")

18,804 counts per 30 Sec.

Boring # N.1 – 6.7 (Max Depth 9 ft 2 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	1824	15.5	
1	2532	16	
1.5	3842	16.5	
2	3488	17	
2.5	3082	17.5	
3	3802	18	
3.5	4955	18.5	
4	6387	19	
4.5	6904	19.5	
5	5466	20	
5.5	3831	20.5	
6	3470	21	
6.5	3121	21.5	
7	3453	22	
7.5	4402	22.5	
8	4210	23	
8.5	3337	23.5	
9	2825	24	
9' 2"	2753	24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site

DOWNHOLE FIELD LOG

Project #25585XG

Date: 08-24-01

Instrument Model #: Ludlum 2221

Technician: Glen Huber

Operational Check: 18660cpm

Serial #: 132844

Probe Model #: PR 44-10

Serial #: 168144

Cutoff Value = 7.2pCi/gm =

18,059 counts per 30 Sec.

- Shielded (2")

Boring # N.1 – 7.2 (Max Depth 9 ft)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2063	15.5	
1	2402	16	
1.5	3928	16.5	
2	3804	17	
2.5	3641	17.5	
3	3763	18	
3.5	5597	18.5	
4	6236	19	
4.5	4983	19.5	
5	3914	20	
5.5	3274	20.5	
6	3280	21	
6.5	3185	21.5	
7	3563	22	
7.5	3515	22.5	
8	3363	23	
8.5	3209	23.5	
9	2747	24	
9.5		24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site
DOWNHOLE FIELD LOG
Project #25585XG

Date: 08-24-01

Instrument Model # Ludlum 2221

Serial # 127242

Probe Model # PR 44-10

Serial # 168148

• Shielded (2")

Technician: Jason Howard

Operational Check: 17200cpm

Cutoff Value = 7.2pCi/gm =

18,804 counts per 30 Sec.

Boring # N.1 – 7.8 (Max Depth 9 ft 1 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2332	15.5	
1	3688	16	
1.5	3775	16.5	
2	3622	17	
2.5	4491	17.5	
3	5536	18	
3.5	5493	18.5	
4	4387	19	
4.5	3462	19.5	
5	3389	20	
5.5	3294	20.5	
6	3373	21	
6.5	3288	21.5	
7	3205	22	
7.5	3152	22.5	
8	3066	23	
8.5	2683	23.5	
9	2504	24	
9' 1"	2604	24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site

DOWNHOLE FIELD LOG

Project #25585XG

Date: 08-24-01

Instrument Model # Ludlum 2221

Technician: Glen Huber

Operational Check: 18660cpm

Serial # 132844

Probe Model # PR 44-10

Serial # 168144

Cutoff Value = 7.2pCi/gm =

18,059 counts per 30 Sec.

• Shielded (2")

Boring # N.1 – 8.3 (Max Depth 9 ft 8 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2138	15.5	
1	3816	16	
1.5	7464	16.5	
2	7558	17	
2.5	5054	17.5	
3	4138	18	
3.5	3842	18.5	
4	4172	19	
4.5	3755	19.5	
5	3506	20	
5.5	3652	20.5	
6	3449	21	
6.5	3804	21.5	
7	4338	22	
7.5	4561	22.5	
8	4133	23	
8.5	3945	23.5	
9	4614	24	
9.5	3464	24.5	
9' 8"	3222	25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site
DOWNHOLE FIELD LOG
Project #25585XG

Date: 08-24-01 Technician: Jason Howard
Instrument Model # Ludlum 2221 Operational Check: 17200cpm
Serial # 127242
Probe Model # PR 44-10
Serial # 168148
Cutoff Value = 7.2pCi/gm =
• Shielded (2") **18,804 counts per 30 Sec.**

Boring # N.1 – 8.8 (Max Depth 10 ft 1 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2379	15.5	
1	5562	16	
1.5	5392	16.5	
2	3782	17	
2.5	3762	17.5	
3	3337	18	
3.5	3642	18.5	
4	5148	19	
4.5	5450	19.5	
5	4371	20	
5.5	3790	20.5	
6	3925	21	
6.5	3642	21.5	
7	3349	22	
7.5	3395	22.5	
8	3321	23	
8.5	3655	23.5	
9	3340	24	
9.5	4506	24.5	
10	4594	25	
10' 1"	4059	25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site

DOWNHOLE FIELD LOG

Project #25585XG

Date: 08-24-01

Instrument Model # Ludlum 2221

Technician: Glen Huber

Operational Check: 18660cpm

Serial # 132844

Probe Model # PR 44-10

Serial # 168144

Cutoff Value = 7.2pCi/gm =

18,059 counts per 30 Sec.

• Shielded (2")

Boring # N.1 – 9.4 (Max Depth 9 ft 3 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	2797	15.5	
1	3779	16	
1.5	7290	16.5	
2	7883	17	
2.5	8539	17.5	
3	7900	18	
3.5	6895	18.5	
4	6481	19	
4.5	6115	19.5	
5	6447	20	
5.5	6453	20.5	
6	5072	21	
6.5	4116	21.5	
7	4198	22	
7.5	3896	22.5	
8	3872	23	
8.5	4745	23.5	
9	4118	24	
9' 3"	3741	24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site
DOWNHOLE FIELD LOG
Project #25585XG

Date: 08-24-01

Instrument Model # Ludlum 2221

Technician: Glen Huber

Operational Check: 18660cpm

Serial # 132844

Probe Model # PR 44-10

Serial # 168144

Cutoff Value = 7.2pCi/gm =

• Shielded (2")

18,059 counts per 30 Sec.

Boring # N.1 - 10 (Max Depth 9 ft 8 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	5353	15.5	
1	15532	16	
1.5	68291	16.5	
2	26772	17	
2.5	8894	17.5	
3	6105	18	
3.5	7154	18.5	
4	7539	19	
4.5	8088	19.5	
5	6308	20	
5.5	4909	20.5	
6	3913	21	
6.5	3083	21.5	
7	3423	22	
7.5	3934	22.5	
8	3521	23	
8.5	3107	23.5	
9	3086	24	
9.5	2926	24.5	
9' 8"	2873	25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site

DOWNHOLE FIELD LOG

Project #25585XG

Date: 08-24-01

Instrument Model # Ludlum 2221

Technician: Jason Howard

Operational Check: 17200cpm

Serial # 127242

Probe Model # PR 44-10

Serial # 168148

Cutoff Value = 7.2pCi/gm =

• Shielded (2")

18,804 counts per 30 Sec.

Boring # N.1 – 10.5 (Max Depth 9 ft 1 in)

Depth - FEET	Counts per 30 Seconds	Depth - FEET	Counts per 30 Seconds
0.5	1900	15.5	
1	4003	16	
1.5	5103	16.5	
2	4380	17	
2.5	3280	17.5	
3	2899	18	
3.5	2945	18.5	
4	3020	19	
4.5	3055	19.5	
5	3261	20	
5.5	3714	20.5	
6	3816	21	
6.5	4178	21.5	
7	3557	22	
7.5	3604	22.5	
8	3425	23	
8.5	3448	23.5	
9	3438	24	
9' 1"	3350	24.5	
10		25	
10.5		25.5	
11		26	
11.5		26.5	
12		27	
12.5		27.5	
13		28	
13.5		28.5	
14		29	
14.4		29.5	
15		30	

GMO Site
Down Hole Field Log
Project No. 25585XG

Date: 10/23/01

Technician: Toby Shewan

Instrument Model No.: Ludlum 2221

Operational Check: 18,443

Serial No: 132844

Probe Model No.: PR 44-10

Serial No.: 168144

Cutoff Value = 7.2 pCi/gm =

* Shielded (2")

18,059 counts per 30 Sec.

Boring No.: N.3 – 19.2

(Max Depth 13 ft)

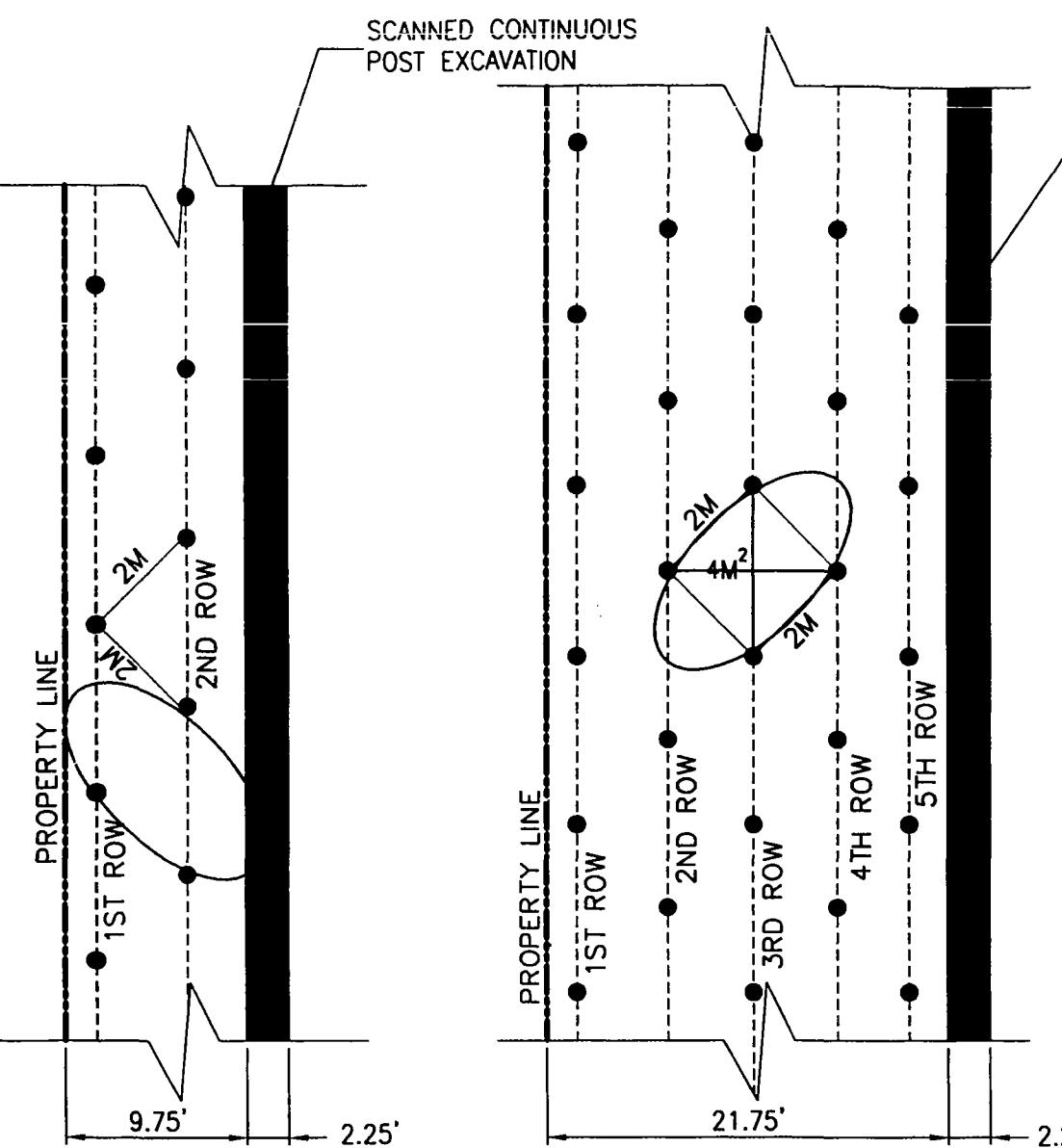
Depth – FEET	Counts per 30 Seconds	Depth – FEET	Counts per 30 Seconds
0.5	3185	15.5	
1	4803	16	
1.5	6879	16.5	
2	7502	17	
2.5	7733	17.5	
3	7968	18	
3.5	8481	18.5	
4	8890	19	
4.5	8833	19.5	
5	8941	20	
5.5	8432	20.5	
6	8059	21	
6.5	6704	21.5	
7	4524	22	
7.5	5523	22.5	
8	4246	23	
8.5	3708	23.5	
9	3668	24	
9.5	3840	24.5	
10	3687	25	
10.5	3203	25.5	
11	3023	26	
11.5	2877	26.5	
12	2574	27	
12.5	2545	27.5	
13	2315	28	
13.5		28.5	
14		29	
14.5		29.5	
15		30	



THE
INFRASTRUCTURE
IMPERATIVE

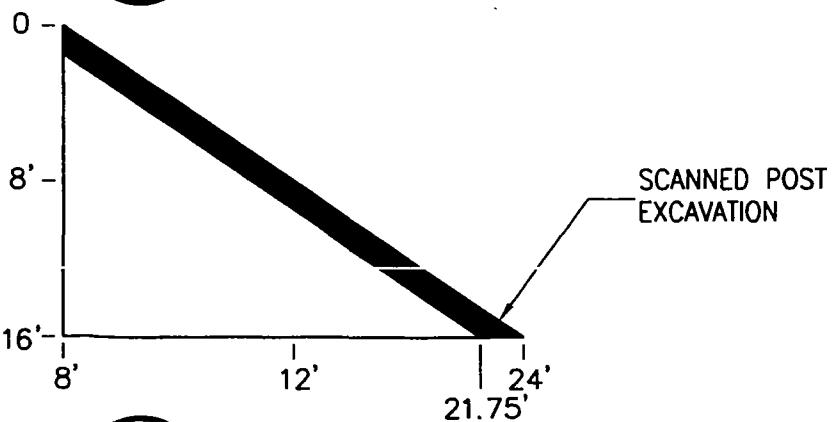
Figures





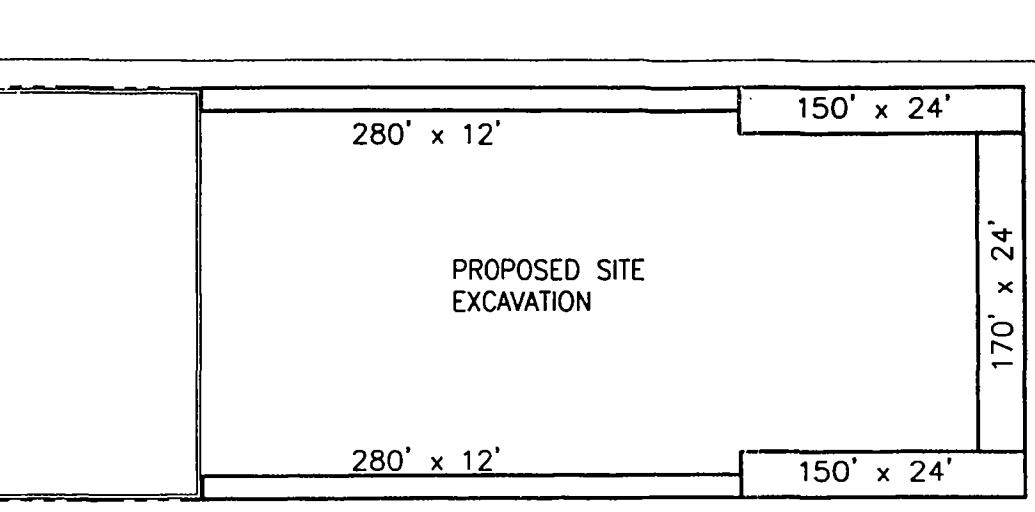
BORING LOCATIONS PARTIAL PLAN

SCALE: 5' = 1"



B SLOPE DETAIL
1 SCALE: 5' = 1"

SCALE: 5' = 1"



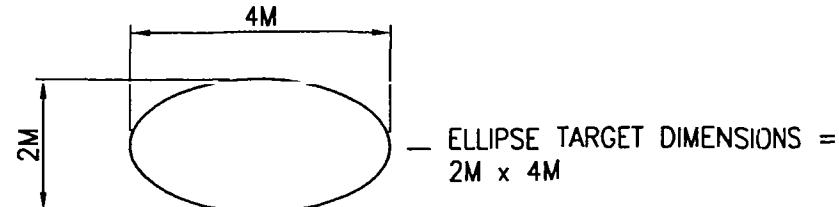
PROPOSED SITE EXCAVATION

280' x 12' 150' x 24'

PROPOSED SITE
EXCAVATION

A 341 E OHIO SITE PLAN - SLOPE DIMENSIONS

SCALE: 100' = 1"



ELLIPSE TARGET DIMENSIONS =
2M x 4M



STS Consultants Ltd.
Consulting Engineers

STS PROJECT NO.
g125585-05A.dwg

STS PROJECT FILE
25585-XG

SCALE

FIGURE NO.

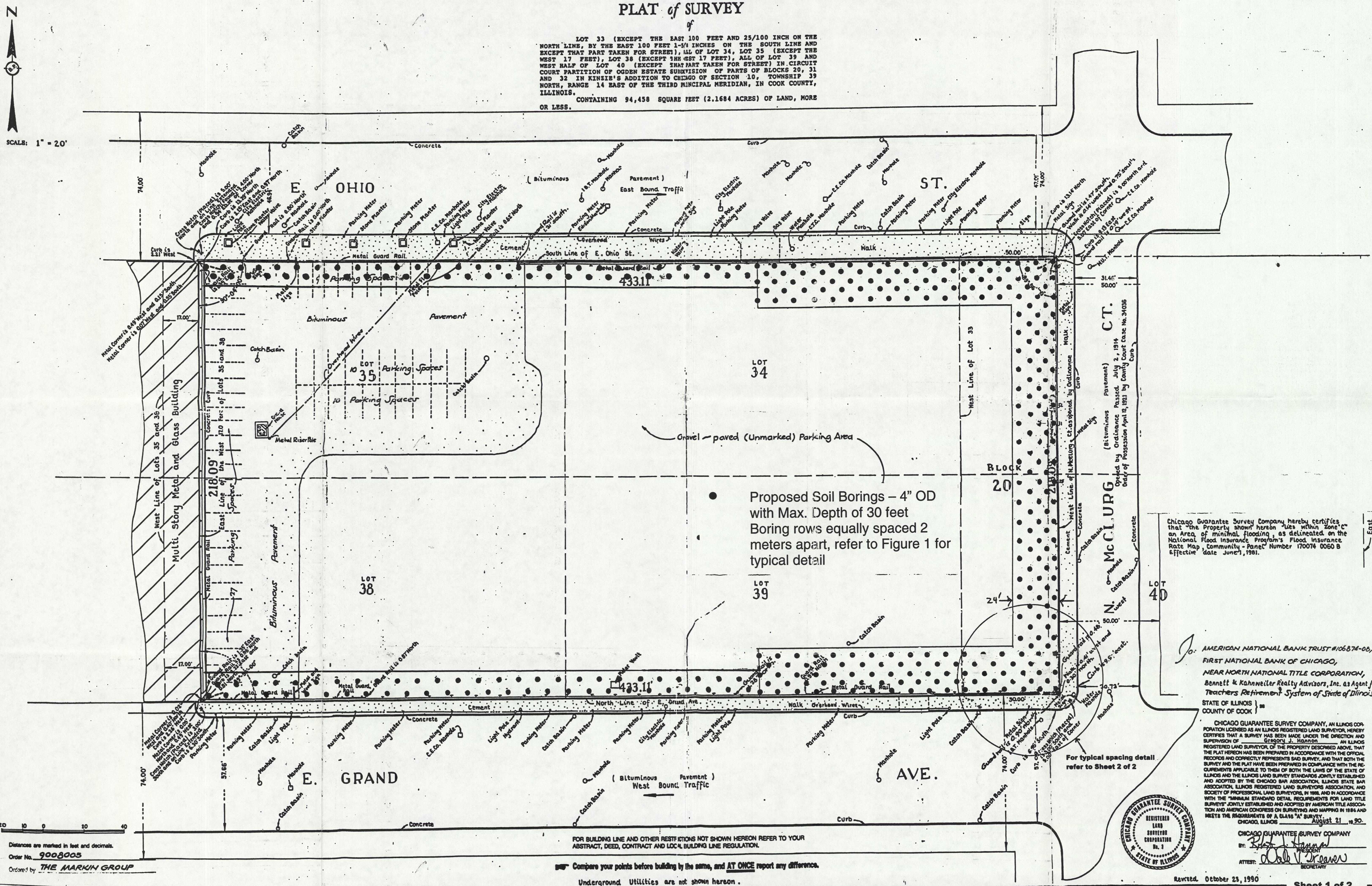
FIGURE 2

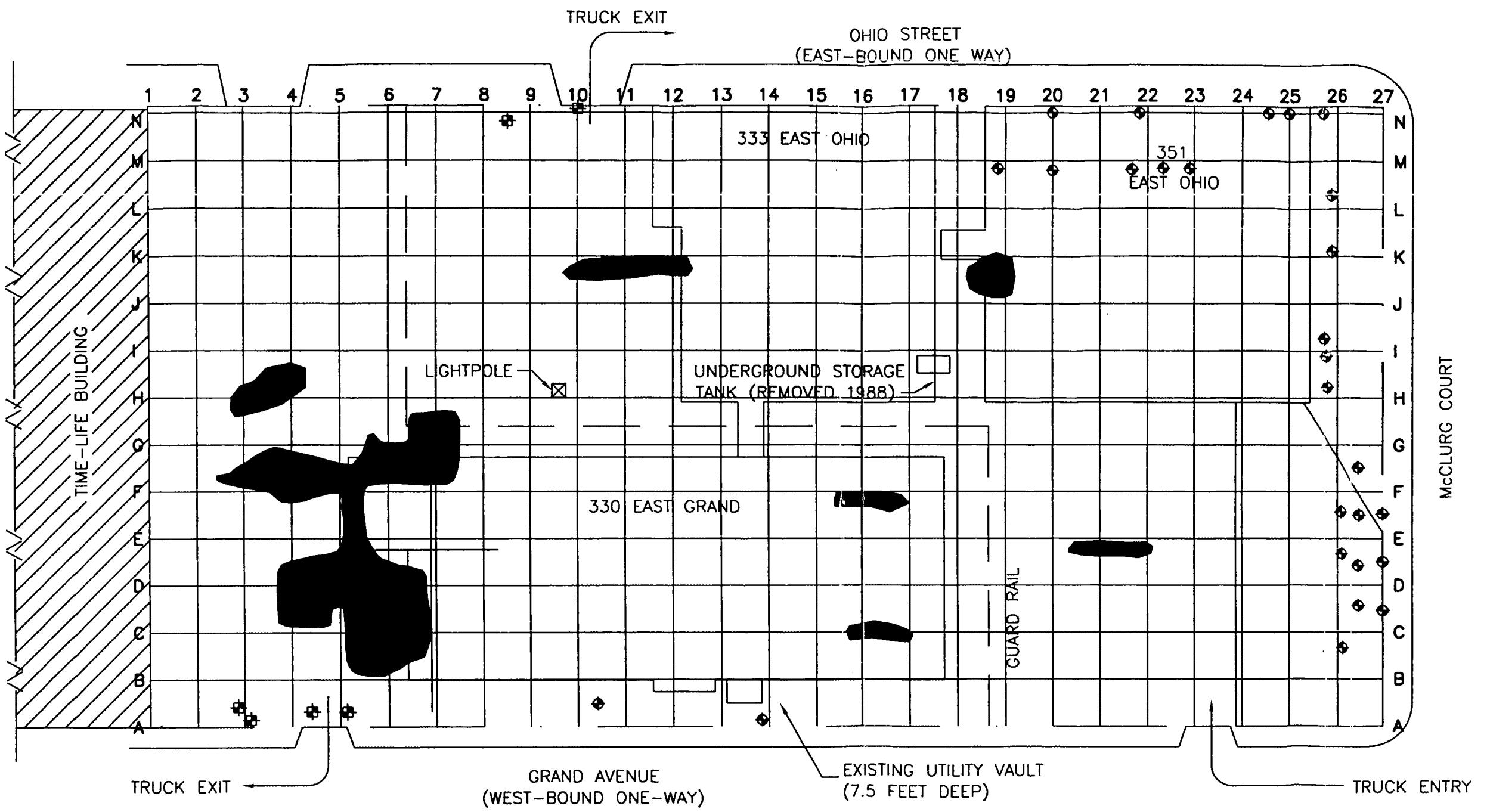
123 WEST MADISON STREET
CHICAGO, ILLINOIS 60602
SUITE 1300
TELEPHONE: 312-726-6880

CHICAGO GUARANTEE SURVEY COMPANY

PLAT of SURVEY

ROBERT J. HANNON
ROBERT C. TATERKA
RALPH J. VAN DORPE
DALE V. WEAVER





LEGEND

IDENTIFIED RADIOLOGICALLY-IMPACTED AREAS

333 EAST OHIO FORMER BUILDING LOCATIONS

- ◆ OBSTRUCTIONS
- ◆ ELEVATED GAMMA READINGS

SCALE IN FEET
0 SCALE

BASE MAP FROM GAIATECH, APRIL 2000

DRAWN BY	TJC	DATE	1/2/02
CHECKED BY	JA	DATE	1/2/02
APPROVED BY	RGB	DATE	1/2/02
CADDFILE X:\PROJECTS\125585-XG\PERIM-DRILLING.dwg			
01/16/2002 14:			
PERIMETER DRILLING PROGRAM			
341 E. OHIO			
CHICAGO, ILLINOIS			
STS Consultants Ltd.			
Consulting Engineers			
STS PROJECT NO.			
25585-XG			
STS PROJECT FILE			
PERIM-DRILLING.dwg			
SCALE			
1"=40'±			
FIGURE NO.			
3			